CAT#101B

Specap, Inc.

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Largest Selection of current, hard to find and obsolete capacitors in the world.

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The only number you need for all capacitors!

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Specap, Inc.

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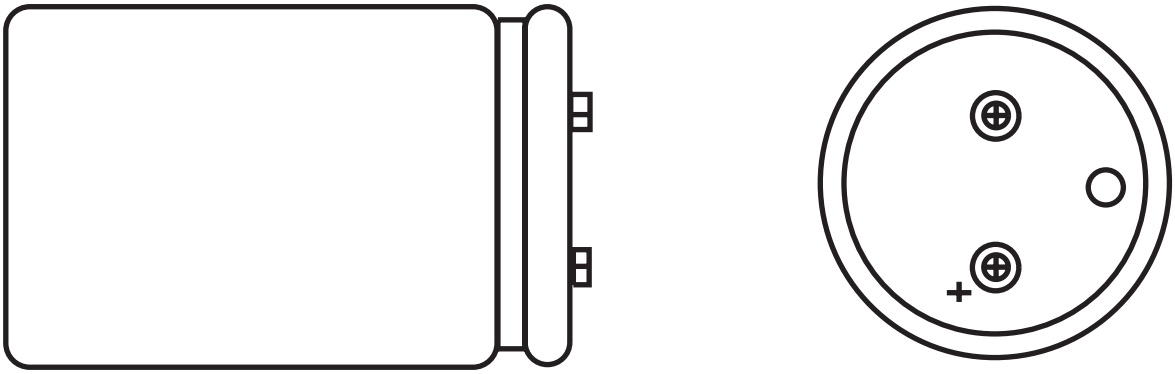
Blister-Pack Capacitor

Bulk Products

CG Screw Terminal, Can Type



Screw Terminal Type

Computer Grade Capacitors

Virtually Every Value And Voltage Combination

Ever Made In Every Size

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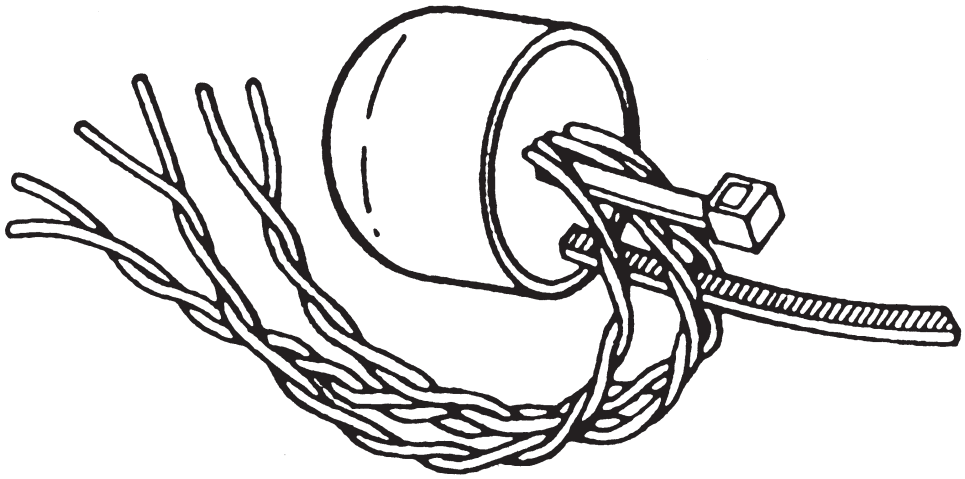
SPB2-ISO Universal Brightner / Booster



BRIGHTEN AND BOOST

- Can be used with any fly-back powered CRT filament
- Isolation booster bypasses short
- Fits all 9" to 35" monitors domestic and foreign
- Can be used for projection sets
- Easy to install, full instructions included
- Satisfaction guaranteed

Part #:	Decription:	Dist. Cost:
SPB2-ISO	**Booster/Brightner**	**$9.55**

Blister Pack For Retail Sales

UWX Ultra Mini Surface Mount

PART NO.	MFD	Cost
4VDC		
C4UWX33	33	1.87
C4UWX47	47	1.87
C4UWX100	100	1.87
C4UWX220	220	1.87
6.3VDC		
C6R3UWX22	22	1.87
C6R3UWX33	33	1.87
C6R3UWX47	47	1.87
C6R3UWX100	100	1.87
10VDC		
C10UWX22	22	1.87
C10UWX33	33	1.87
C10UWX47	47	1.87
16VDC		
C16UWX10	10	1.87
C16UWX22	22	1.87
C16UWX33	33	1.87
C16UWX47	47	1.87
25VDC		
C25UWX4R7	4.7	1.87
C25UWX10	10	1.87
C25UWX22	22	1.87
C25UWX33	33	1.87
35VDC		
C35UWX4R7	4.7	1.87
C35UWX10	10	1.87
C35UWX22	22	1.87
50VDC		
C50UWXR1	0.10	1.87
C50UWXR22	0.22	1.87
C50UWXR33	0.33	1.87
C50UWXR47	0.47	1.87
C50UWX1	1.00	1.87
C50UWX2R2	2.20	1.87
C50UWX3R3	3.30	1.87
C50UWX4R7	4.70	1.87
C50UWX10	10	1.87

UMA Ultra Mini Radial

PART NO.	MFD	Cost
6.3VDC		
C6R3UMA10	10	0.92
C6R3UMA22	22	0.92
C6R3UMA33	33	0.92
C6R3UMA47	47	0.92
C6R3UMA100	100	1.06
C6R3UMA220	220	1.40
C6R3UMA330	330	1.55
10VDC		
C10UMA22	22	1.06
C10UMA33	33	1.06
C10UMA47	47	1.06
C10UMA100	100	1.31
C10UMA220	220	1.44
C10UMA330	330	1.91
16VDC		
C16UMA4R7	4.7	0.92
C16UMA10	10	1.06
C16UMA22	22	1.31
C16UMA33	33	1.31
C16UMA47	47	1.31
C16UMA100	100	1.53
25VDC		
C25UMA3R3	3.3	0.79
C25UMA4R7	4.7	0.92
C25UMA10	10	1.06
C25UMA22	22	1.37
C25UMA33	33	1.37
C25UMA47	47	1.37
C25UMA100	100	1.69
35VDC		
C35UMA2R2	2.2	0.79
C35UMA3R3	3.3	0.79
C35UMA4R7	4.7	0.92
C35UMA10	10	1.17
C35UMA22	22	1.55
C35UMA33	33	1.73
C35UMA47	47	2.05
50VDC		
C50UMAR1	.1	0.79
C50UMAR22	.22	0.79
C50UMAR33	.33	0.79
C50UMAR47	.47	0.79
C50UMA1	1.0	0.92
C50UMA2R2	2.2	0.92
C50UMA3R3	3.3	1.06
C50UMA4R7	4.7	1.17
C50UMA10	10	1.37
C50UMA22	22	1.67
C50UMA33	33	2.21

UHA High Frequency Non Polar Radial

PART #	MFD.	VDC	COST
C25UHA1	1	25	3.43
C25UHA1R5	1.5	25	3.43
C25UHA2R2	2.2	25	3.43
C25UHA2R7	2.7	25	3.66
C25UHA3R3	3.3	25	3.66
C25UHA4R7	4.7	25	3.99
C25UHA5R6	5.6	25	4.22
C25UHA6R8	6.8	25	4.56
C25UHA8R2	8.2	25	4.84
C25UHA10	10	25	4.84
C25UHA12	12	25	4.84
C25UHA15	15	25	5.12
C25UHA16	16	25	5.12
C25UHA18	18	25	5.12
C25UHA22	22	25	5.23
C35UHA6R8	6.8	35	4.56
C50UHA1	1	50	3.66
C50UHA1R5	1.5	50	3.66
C50UHA2R2	2.2	50	3.66
C50UHA2R7	2.7	50	3.99
C50UHA3R3	3.3	50	3.99
C50UHA4R7	4.7	50	4.73
C50UHA5R6	5.6	50	4.89
C50UHA6R8	6.8	50	5.06
C50UHA8R2	8.2	50	5.06
C50UHA8R5	8.5	50	5.20
C50UHA10	10	50	5.38
C50UHA12	12	50	5.38
C50UHA15	15	50	5.76
C50UHA18	18	50	5.76
C50UHA22	22	50	5.76
C50UHA33	33	50	6.01
C50UHA47	47	50	6.13
C100UHA3R9	3.9	100	4.89
C100UHA18	18	100	7.03
C100UHA47	47	100	6.13

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UVX General Purpose Radial

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C6R3UVX1	1	6.3	0.56
C6R3UVX1R5	1.5	6.3	0.56
C6R3UVX2R2	2.2	6.3	0.56
C6R3UVX3R3	3.3	6.3	0.56
C6R3UVX4R7	4.7	6.3	0.56
C6R3UVX6R8	6.8	6.3	0.56
C6R3UVX10	10	6.3	0.56
C6R3UVX15	15	6.3	0.62
C6R3UVX22	22	6.3	0.62
C6R3UVX33	33	6.3	0.62
C6R3UVX47	47	6.3	0.62
C6R3UVX68	68	6.3	0.74
C6R3UVX100	100	6.3	0.74
C6R3UVX150	150	6.3	0.84
C6R3UVX220	220	6.3	0.84
C6R3UVX330	330	6.3	1.15
C6R3UVX470	470	6.3	1.27
C6R3UVX680	680	6.3	1.44
C6R3UVX1000	1000	6.3	1.44
C6R3UVX1500	1500	6.3	1.67
C6R3UVX2200	2200	6.3	1.67
C6R3UVX3300	3300	6.3	2.21
C6R3UVX4700	4700	6.3	3.18
C6R3UVX6800	6800	6.3	3.60
C6R3UVX1000	10000	6.3	3.66
C6R3UVX2200	22000	6.3	6.13
C6R3UVX3300	33000	6.3	7.37
C10UVX1	1	10	0.76
C10UVX1R5	1.5	10	0.76
C10UVX2R2	2.2	10	0.76
C10UVX3R3	3.3	10	0.76
C10UVX4R7	4.7	10	0.83
C10UVX6R8	6.8	10	0.83
C10UVX10	10	10	0.83
C10UVX15	15	10	0.83
C10UVX22	22	10	0.83
C10UVX33	33	10	0.83
C10UVX47	47	10	0.83
C10UVX68	68	10	0.99
C10UVX100	100	10	0.99
C10UVX150	150	10	1.10
C10UVX220	220	10	1.10
C10UVX330	330	10	1.13
C10UVX470	470	10	1.65
C10UVX680	680	10	1.92
C10UVX1000	1000	10	1.92
C10UVX1500	1500	10	2.64
C10UVX2200	2200	10	2.64
C10UVX3300	3300	10	3.78
C10UVX4700	4700	10	4.05
C10UVX10000	10000	10	5.63
C16UVXR47	0.47	16	0.76
C16UVX1	1	16	0.76
C16UVX1R5	1.5	16	0.76
C16UVX2R2	2.2	16	0.76
C16UVX3R3	3.3	16	0.76
C16UVX4R7	4.7	16	0.83
C16UVX6R8	6.8	16	0.83
C16UVX10	10	16	0.83
C16UVX15	15	16	0.83
C16UVX22	22	16	0.83
C16UVX33	33	16	0.83
C16UVX47	47	16	0.83
C16UVX68	68	16	1.10
C16UVX100	100	16	1.10
C16UVX150	150	16	1.13
C16UVX220	220	16	1.13
C16UVX330	330	16	1.65
C16UVX470	470	16	1.92
C16UVX500	500	16	1.92
C16UVX680	680	16	1.98

UVX General Purpose Radial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C16UVX1000	1000	16	1.98
C16UVX1500	1500	16	2.84
C16UVX2200	2200	16	2.84
C16UVX3300	3300	16	3.04
C16UVX4700	4700	16	3.78
C16UVX6800	6800	16	3.90
C16UVX10000	10000	16	4.03
C16UVX12000	12000	16	5.65
C16UVX15000	15000	16	6.20
C16UVX18000	18000	16	6.65
C16UVX22000	22000	16	7.17
C16UVX27000	27000	16	7.62
C16UVX33000	33000	16	8.17
C25UVXR47	0.47	25	0.56
C25UVX1	1	25	0.56
C25UVX1R5	1.5	25	0.56
C25UVX2R2	2.2	25	0.56
C25UVX3R3	3.3	25	0.56
C25UVX4R7	4.7	25	0.62
C25UVX6R8	6.8	25	0.62
C25UVX10	10	25	0.62
C25UVX15	15	25	0.74
C25UVX22	22	25	0.74
C25UVX33	33	25	0.74
C25UVX47	47	25	0.84
C25UVX68	68	25	1.27
C25UVX100	100	25	1.27
C25UVX150	150	25	1.24
C25UVX220	220	25	1.24
C25UVX330	330	25	1.44
C25UVX470	470	25	1.67
C25UVX680	680	25	2.21
C25UVX1000	1000	25	2.21
C25UVX1500	1500	25	3.11
C25UVX2200	2200	25	3.11
C25UVX3300	3300	25	3.92
C25UVX4700	4700	25	4.91
C25UVX6800	6800	25	5.79
C25UVX10000	10000	25	7.82
C25UVX12000	12000	25	8.57
C25UVX15000	15000	25	9.50
C25UVX18000	18000	25	10.44
C25UVX22000	22000	25	11.50
C35UVX1	1	35	0.56
C35UVX1R5	1.5	35	0.56
C35UVX2R2	2.2	35	0.56
C35UVX3R3	3.3	35	0.56
C35UVX4R7	4.7	35	0.62
C35UVX5R6	5.6	35	0.62
C35UVX6R8	6.8	35	0.62
C35UVX10	10	35	0.69
C35UVX15	15	35	0.74
C35UVX22	22	35	0.74
C35UVX33	33	35	0.84
C35UVX47	47	35	1.15
C35UVX68	68	35	1.27
C35UVX100	100	35	1.27
C35UVX150	150	35	1.44
C35UVX220	220	35	1.44
C35UVX330	330	35	1.67
C35UVX470	470	35	1.98
C35UVX680	680	35	2.84
C35UVX1000	1000	35	2.84
C35UVX1500	1500	35	3.58
C35UVX2200	2200	35	3.58
C35UVX3300	3300	35	4.46
C35UVX4700	4700	35	6.30
C35UVX6800	6800	35	7.74
C35UVX10000	10000	35	11.24
C35UVX12000	12000	35	12.60
C35UVX15000	15000	35	14.10

UVX General Purpose Radial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C50UVXR1	0.1	50	0.56
C50UVXR15	0.15	50	0.56
C50UVXR22	0.22	50	0.56
C50UVXR33	0.33	50	0.56
C50UVXR47	0.47	50	0.56
C50UVXR56	0.56	50	0.56
C50UVXR68	0.68	50	0.56
C50UVX1	1	50	0.56
C50UVX1R5	1.5	50	0.56
C50UVX2R2	2.2	50	0.56
C50UVX3R3	3.3	50	0.56
C50UVX4R7	4.7	50	0.62
C50UVX6R8	6.8	50	0.74
C50UVX10	10	50	0.74
C50UVX15	15	50	0.84
C50UVX22	22	50	0.84
C50UVX33	33	50	1.15
C50UVX47	47	50	1.15
C50UVX68	68	50	1.24
C50UVX100	100	50	1.24
C50UVX120	120	50	1.83
C50UVX150	150	50	1.83
C50UVX180	180	50	1.91
C50UVX220	220	50	1.91
C50UVX270	270	50	2.18
C50UVX330	330	50	2.18
C50UVX390	390	50	2.43
C50UVX470	470	50	2.43
C50UVX560	560	50	2.65
C50UVX680	680	50	2.77
C50UVX820	820	50	3.20
C50UVX1000	1000	50	3.93
C50UVX1200	1200	50	4.50
C50UVX1500	1500	50	4.65
C50UVX1800	1800	50	4.90
C50UVX2200	2200	50	5.03
C50UVX3300	3300	50	5.84
C50UVX4700	4700	50	9.84
C50UVX6800	6800	50	10.43
C50UVX10000	10000	50	11.97
C63UVXR47	0.47	63	0.60
C63UVXR68	0.68	63	0.60
C63UVX1	1	63	0.60
C63UVX1R5	1.5	63	0.60
C63UVX2R2	2.2	63	0.60
C63UVX3R3	3.3	63	0.60
C63UVX4R7	4.7	63	0.60
C63UVX6R8	6.8	63	0.60
C63UVX10	10	63	0.60
C63UVX15	15	63	0.95
C63UVX22	22	63	0.95
C63UVX33	33	63	0.99
C63UVX47	47	63	1.05
C63UVX68	68	63	1.19
C63UVX100	100	63	1.52
C63UVX120	120	63	1.52
C63UVX150	150	63	1.80
C63UVX180	180	63	1.80
C63UVX220	220	63	2.27
C63UVX270	270	63	2.27
C63UVX330	330	63	2.58
C63UVX390	390	63	2.58
C63UVX470	470	63	3.08
C63UVX560	560	63	3.25
C63UVX680	680	63	3.60
C63UVX820	820	63	3.72
C63UVX1000	1000	63	3.94
C63UVX1500	1500	63	4.58

Continued on the next page

UVX General Purpose Radial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C63UVX1800	1800	63	4.58
C63UVX2200	2200	63	4.58
C63UVX3300	3300	63	8.03
C63UVX4700	4700	63	11.88
C63UVX6800	6800	63	12.69
C80UVX1	1	80	0.88
C80UVX1R5	1.5	80	0.88
C80UVX2R2	2.2	80	0.88
C80UVX3R3	3.3	80	0.90
C80UVX4R7	4.7	80	0.90
C80UVX6R8	6.8	80	0.96
C80UVX10	10	80	0.96
C80UVX15	15	80	0.98
C80UVX22	22	80	1.15
C80UVX33	33	80	1.15
C80UVX47	47	80	1.20
C80UVX68	68	80	1.20
C80UVX100	100	80	1.21
C80UVX150	150	80	2.37
C80UVX220	220	80	2.37
C80UVX330	330	80	3.08
C80UVX470	470	80	3.25
C80UVX680	680	80	4.71
C80UVX1000	1000	80	6.09
C80UVX1500	1500	80	6.09
C80UVX2200	2200	80	8.07
C100UVXR1	0.1	100	0.88
C100UVXR15	0.15	100	0.88
C100UVXR22	0.22	100	0.88
C100UVXR33	0.33	100	0.88
C100UVXR47	0.47	100	0.88
C100UVXR68	0.68	100	0.88
C100UVX1	1	100	0.88
C100UVX1R5	1.5	100	0.90
C100UVX2R2	2.2	100	0.90
C100UVX3R3	3.3	100	0.96
C100UVX4R7	4.7	100	0.96
C100UVX6R8	6.8	100	0.98
C100UVX10	10	100	0.98
C100UVX15	15	100	1.15
C100UVX22	22	100	1.15
C100UVX33	33	100	1.18
C100UVX47	47	100	1.21
C100UVX68	68	100	1.65
C100UVX100	100	100	1.92
C100UVX150	150	100	2.96
C100UVX220	220	100	3.10
C100UVX330	330	100	3.35
C100UVX470	470	100	3.61
C100UVX680	680	100	4.68
C100UVX1000	1000	100	8.43
C100UVX1500	1500	100	9.27
C100UVX2200	2200	100	12.50
C100UVX3300	3300	100	14.25
C160UVXR47	0.47	160	0.99
C160UVX1	1	160	0.99
C160UVX2R2	2.2	160	0.99
C160UVX2R7	2.7	160	0.99
C160UVX3R3	3.3	160	0.99
C160UVX4R7	4.7	160	0.99
C160UVX6R8	6.8	160	1.15
C160UVX10	10	160	1.15
C160UVX15	15	160	1.15
C160UVX22	22	160	1.19
C160UVX33	33	160	1.24
C160UVX47	47	160	1.37
C160UVX68	68	160	1.64
C160UVX100	100	160	2.18
C160UVX150	150	160	2.48

UVX General Purpose Radial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C160UVX220	220	160	3.09
C160UVX330	330	160	3.54
C160UVX390	390	160	3.88
C160UVX470	470	160	5.34
C160UVX560	560	160	6.87
C160UVX680	680	160	7.73
C160UVX820	820	160	8.35
C200UVXR47	0.47	200	1.21
C200UVX4R7	4.7	200	1.21
C200UVX10	10	200	1.36
C200UVX22	22	200	1.41
C200UVX33	33	200	1.57
C200UVX47	47	200	1.72
C200UVX100	100	200	2.82
C200UVX120	120	200	3.84
C200UVX220	220	200	4.22
C200UVX270	270	200	4.49
C200UVX330	330	200	4.70
C200UVX390	390	200	6.47
C200UVX470	470	200	7.56
C200UVX560	560	200	8.51
C200UVX680	680	200	9.19
C250UVXR47	0.47	250	1.22
C250UVX1	1	250	1.22
C250UVX2R2	2.2	250	1.22
C250UVX3R3	3.3	250	1.22
C250UVX4R7	4.7	250	1.22
C250UVX6R8	6.8	250	1.37
C250UVX10	10	250	1.37
C250UVX15	15	250	1.42
C250UVX22	22	250	1.42
C250UVX33	33	250	1.46
C250UVX47	47	250	1.78
C250UVX100	100	250	2.81
C250UVX150	150	250	3.09
C250UVX220	220	250	3.84
C250UVX270	270	250	5.11
C250UVX330	330	250	5.93
C250UVX390	390	250	7.15
C250UVX470	470	250	8.30
C250UVX560	560	250	10.83
C250UVX680	680	250	13.34
C350UVXR47	.47	350	1.10
C350UVX1	1	350	1.10
C350UVX2R2	2.2	350	1.10
C350UVX3R3	3.3	350	1.10
C350UVX4R7	4.7	350	1.10
C350UVX10	10	350	1.20
C350UVX15	15	350	1.28
C350UVX22	22	350	1.28
C350UVX33	33	350	1.99
C350UVX47	47	350	2.70
C350UVX100	100	350	5.39
C350UVX150	150	350	7.60
C350UVX220	220	350	8.08
C350UVX270	270	350	8.58
C350UVX330	330	350	9.42
C450UVX1	1	450	1.26
C450UVX2R2	2.2	450	1.26
C450UVX3R3	3.3	450	1.26
C450UVX4R7	4.7	450	1.26
C450UVX10	10	450	1.37
C450UVX15	15	450	1.44
C450UVX22	22	450	1.44
C450UVX33	33	450	1.91
C450UVX47	47	450	4.03
C450UVX100	100	450	7.81
C450UVX150	150	450	8.35
C450UVX220	220	450	9.88

UVZ High Temperature Radials 105∞c

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C16UVZ10	10	16	0.72
C16UVZ22	22	16	0.72
C16UVZ33	33	16	0.72
C16UVZ47	47	16	0.74
C16UVZ100	100	16	1.01
C16UVZ220	220	16	1.16
C16UVZ330	330	16	1.19
C16UVZ470	470	16	1.27
C16UVZ1000	1000	16	1.93
C16UVZ2200	2200	16	2.76
C16UVZ3300	3300	16	3.06
C16UVZ4700	4700	16	3.89
C25UVZ4R7	4.7	25	0.72
C25UVZ10	10	25	0.72
C25UVZ22	22	25	0.72
C25UVZ33	33	25	0.72
C25UVZ47	47	25	0.74
C25UVZ100	100	25	1.11
C25UVZ150	150	25	1.11
C25UVZ220	220	25	1.18
C25UVZ330	330	25	1.27
C25UVZ470	470	25	1.62
C25UVZ1000	1000	25	2.15
C25UVZ2200	2200	25	3.18
C25UVZ3300	3300	25	3.61
C25UVZ4700	4700	25	4.11
C35UVZ10	10	35	0.72
C35UVZ22	22	35	0.72
C35UVZ33	33	35	0.72
C35UVZ47	47	35	0.81
C35UVZ100	100	35	1.16
C35UVZ220	220	35	1.24
C35UVZ330	330	35	1.34
C35UVZ470	470	35	1.67
C35UVZ1000	1000	35	2.18
C35UVZ1500	1500	35	3.21
C35UVZ2200	2200	35	3.53
C35UVZ3300	3300	35	4.22
C35UVZ4700	4700	35	4.78
C35UVZ6800	6800	35	5.57
C50UVZR47	0.47	50	0.64
C50UVZ1	1	50	0.64
C50UVZ2R2	2.2	50	0.64
C50UVZ3R3	3.3	50	0.64
C50UVZ4R7	4.7	50	0.71
C50UVZ10	10	50	0.77
C50UVZ22	22	50	0.84
C50UVZ33	33	50	0.94
C50UVZ47	47	50	1.08
C50UVZ100	100	50	1.41
C50UVZ220	220	50	1.47
C50UVZ330	330	50	1.50
C50UVZ470	470	50	1.88
C50UVZ680	680	50	2.75
C50UVZ1000	1000	50	3.29
C50UVZ2200	2200	50	3.34
C50UVZ3300	3300	50	5.23
C50UVZ4700	4700	50	5.57

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UVZ High Temerature Radial 105∞(Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C63UVZ4R7	4.7	63	0.94
C63UVZ10	10	63	0.99
C63UVZ22	22	63	1.13
C63UVZ33	33	63	1.40
C63UVZ47	47	63	1.43
C63UVZ100	100	63	1.55
C63UVZ220	220	63	2.20
C63UVZ330	330	63	3.09
C63UVZ470	470	63	3.54
C63UVZ1000	1000	63	4.02
C160UVZ1	1	160	1.06
C160UVZ2R2	2.2	160	1.06
C160UVZ3R3	3.3	160	1.06
C160UVZ4R7	4.7	160	1.06
C160UVZ10	10	160	1.19
C160UVZ22	22	160	1.24
C160UVZ33	33	160	1.27
C160UVZ47	47	160	1.60
C160UVZ100	100	160	3.28
C250UVZ1	1	250	1.27
C250UVZ2R2	2.2	250	1.27
C250UVZ3R3	3.3	250	1.27
C250UVZ4R7	4.7	250	1.27
C250UVZ10	10	250	1.42
C250UVZ22	22	250	1.55
C250UVZ33	33	250	1.63
C250UVZ47	47	250	1.91
C250UVZ100	100	250	3.91
C250UVZ220	220	250	4.61
C350UVZR47	0.47	350	1.45
C350UVZ1	1	350	1.45
C350UVZ2R2	2.2	350	1.45
C350UVZ3R3	3.3	350	1.45
C350UVZ4R7	4.7	350	1.45
C350UVZ10	10	350	1.75
C350UVZ22	22	350	2.36
C350UVZ33	33	350	2.46
C350UVZ47	47	350	3.48
C350UVZ100	100	350	6.27
C450UVZ1	1	450	1.77
C450UVZ2R2	2.2	450	1.77
C450UVZ3R3	3.3	450	1.77
C450UVZ4R7	4.7	450	1.77
C450UVZ10	10	450	2.77
C450UVZ22	22	450	3.27
C450UVZ33	33	450	3.66
C450UVZ47	47	450	4.90

TVX General Purpose Axial

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C6R3TVX15	15	6.3	0.91
C6R3TVX22	22	6.3	0.91
C6R3TVX33	33	6.3	0.91
C6R3TVX47	47	6.3	0.91
C6R3TVX68	68	6.3	1.01
C6R3TVX100	100	6.3	1.01
C6R3TVX150	150	6.3	1.02
C6R3TVX220	220	6.3	1.02
C6R3TVX330	330	6.3	1.19
C6R3TVX470	470	6.3	1.19
C6R3TVX680	680	6.3	1.27
C6R3TVX1000	1000	6.3	1.27
C6R3TVX1500	1500	6.3	1.82
C6R3TVX2200	2200	6.3	1.82
C6R3TVX3300	3300	6.3	2.27
C6R3TVX4700	4700	6.3	3.60
C6R3TVX10000	10000	6.3	3.89
C6R3TVX47000	47000	6.3	8.55

TVX General Purpose Axial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C10TVX10	10	10	0.91
C10TVX15	15	10	0.91
C10TVX22	22	10	0.91
C10TVX33	33	10	0.91
C10TVX47	47	10	0.91
C10TVX68	68	10	1.02
C10TVX100	100	10	1.02
C10TVX150	150	10	1.19
C10TVX220	220	10	1.19
C10TVX330	330	10	1.36
C10TVX470	470	10	1.36
C10TVX680	680	10	1.67
C10TVX1000	1000	10	1.75
C10TVX1300	1300	10	1.95
C10TVX1500	1500	10	2.27
C10TVX2200	2200	10	2.27
C10TVX3300	3300	10	2.84
C10TVX4700	4700	10	3.09
C10TVX6800	6800	10	3.81
C10TVX10000	10000	10	4.11
C16TVX10	10	16	0.91
C16TVX15	15	16	0.91
C16TVX22	22	16	0.91
C16TVX33	33	16	0.94
C16TVX47	47	16	1.01
C16TVX68	68	16	1.02
C16TVX100	100	16	1.02
C16TVX150	150	16	1.19
C16TVX220	220	16	1.19
C16TVX330	330	16	1.45
C16TVX470	470	16	1.45
C16TVX680	680	16	1.82
C16TVX1000	1000	16	1.82
C16TVX1500	1500	16	2.60
C16TVX2200	2200	16	2.60
C16TVX3300	3300	16	3.04
C16TVX4700	4700	16	3.78
C16TVX6800	6800	16	3.92
C16TVX10000	10000	16	4.03
C16TVX15000	15000	16	5.17
C16TVX22000	22000	16	7.19
C25TVX1	1	25	0.91
C25TVX1R5	1.5	25	0.91
C25TVX2R2	2.2	25	0.91
C25TVX3R3	3.3	25	0.91
C25TVX4R7	4.7	25	0.91
C25TVX6R8	6.8	25	0.91
C25TVX10	10	25	0.91
C25TVX15	15	25	0.91
C25TVX22	22	25	0.94
C25TVX33	33	25	1.01
C25TVX47	47	25	1.02
C25TVX68	68	25	1.19
C25TVX100	100	25	1.19
C25TVX150	150	25	1.36
C25TVX220	220	25	1.36
C25TVX330	330	25	1.27
C25TVX470	470	25	1.70
C25TVX680	680	25	1.99
C25TVX1000	1000	25	2.27
C25TVX1500	1500	25	3.09
C25TVX2200	2200	25	3.60
C25TVX2500	2500	25	3.92
C25TVX3300	3300	25	3.92
C25TVX4700	4700	25	4.49
C25TVX5000	5000	25	5.26
C25TVX6800	6800	25	5.42
C25TVX10000	10000	25	5.79
C25TVX15000	15000	25	7.19
C35TVX1	1	35	0.91
C35TVX1R5	1.5	35	0.91
C35TVX2R2	2.2	35	0.91
C35TVX3R3	3.3	35	0.91
C35TVX4R7	4.7	35	0.91
C35TVX6R8	6.8	35	0.91
C35TVX10	10	35	0.91
C35TVX15	15	35	1.01
C35TVX22	22	35	1.01
C35TVX33	33	35	1.19
C35TVX47	47	35	1.19
C35TVX68	68	35	1.25
C35TVX100	100	35	1.25
C35TVX150	150	35	1.27
C35TVX220	220	35	1.27
C35TVX330	330	35	1.35
C35TVX470	470	35	1.82
C35TVX680	680	35	2.60
C35TVX1000	1000	35	2.60
C35TVX1500	1500	35	3.71
C35TVX2200	2200	35	3.71
C35TVX2500	2500	35	4.49
C35TVX3300	3300	35	4.49
C35TVX4700	4700	35	6.18
C35TVX5000	5000	35	6.93
C35TVX6800	6800	35	6.93
C35TVX8000	8000	35	6.93
C35TVX10000	10000	35	8.81

TVX General Purpose Axial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C50TVXR47	.47	50	1.00
C50TVXR66	.66	50	1.00
C50TVX1	1	50	1.00
C50TVX1R5	1.5	50	1.00
C50TVX2R2	2.2	50	1.00
C50TVX3R3	3.3	50	1.00
C50TVX4R7	4.7	50	1.00
C50TVX6R8	6.8	50	1.11
C50TVX10	10	50	1.11
C50TVX15	15	50	1.12
C50TVX22	22	50	1.12
C50TVX33	33	50	1.19
C50TVX47	47	50	1.25
C50TVX50	50	50	1.25
C50TVX68	68	50	1.30
C50TVX100	100	50	1.36
C50TVX150	150	50	1.46
C50TVX220	220	50	1.46
C50TVX330	330	50	1.82
C50TVX470	470	50	2.27
C50TVX500	500	50	3.60
C50TVX680	680	50	3.60
C50TVX1000	1000	50	4.20
C50TVX1200	1200	50	4.99
C50TVX1500	1500	50	5.20
C50TVX2200	2200	50	5.20
C50TVX2500	2500	50	6.41
C50TVX3300	3300	50	7.50
C50TVX4700	4700	50	9.36
C50TVX5000	5000	50	9.47
C50TVX6800	6800	50	9.89
C63TVXR47	.47	63	0.79
C63TVXR68	.68	63	0.79
C63TVX1	1	63	0.79
C63TVX1R5	1.5	63	0.79
C63TVX2R2	2.2	63	0.79
C63TVX3R3	3.3	63	0.79
C63TVX4R7	4.7	63	0.79
C63TVX6R8	6.8	63	0.82
C63TVX10	10	63	0.99
C63TVX15	15	63	0.99
C63TVX22	22	63	0.99
C63TVX33	33	63	0.99
C63TVX47	47	63	0.99
C63TVX68	68	63	1.06
C63TVX100	100	63	1.16
C63TVX150	150	63	1.44
C63TVX220	220	63	1.64
C63TVX330	330	63	2.54
C63TVX470	470	63	2.78
C63TVX680	680	63	3.06
C63TVX1000	1000	63	3.56
C63TVX1500	1500	63	4.73
C63TVX2200	2200	63	6.00
C63TVX3300	3300	63	8.50
C63TVX4700	4700	63	11.88
C80TVX1	1	80	1.04
C80TVX1R5	1.5	80	1.04
C80TVX2R2	2.2	80	1.04
C80TVX3R3	3.3	80	1.08
C80TVX4R7	4.7	80	1.29
C80TVX6R8	6.8	80	1.38
C80TVX10	10	80	1.38
C80TVX15	15	80	1.40
C80TVX22	22	80	1.40
C80TVX33	33	80	1.69
C80TVX47	47	80	1.69
C80TVX68	68	80	1.89
C80TVX100	100	80	1.89
C80TVX150	150	80	2.12
C80TVX220	220	80	2.72
C80TVX330	330	80	3.71
C80TVX470	470	80	2.81
C80TVX680	680	80	4.29
C80TVX1000	1000	80	4.29
C80TVX1500	1500	80	5.54
C80TVX2200	2200	80	7.34
C80TVX3300	3300	80	11.34

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TVX General Purpose Axial (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C100TVXR47	.47	100	1.13
C100TVXR68	.68	100	1.13
C100TVX1	1	100	1.13
C100TVX1R5	1.5	100	1.13
C100TVX2R2	2.2	100	1.17
C100TVX3R3	3.3	100	1.17
C100TVX4R7	4.7	100	1.25
C100TVX6R8	6.8	100	1.25
C100TVX10	10	100	1.28
C100TVX15	15	100	1.28
C100TVX22	22	100	1.31
C100TVX33	33	100	1.37
C100TVX47	47	100	1.71
C100TVX68	68	100	1.74
C100TVX100	100	100	1.74
C100TVX150	150	100	2.39
C100TVX220	220	100	2.39
C100TVX330	330	100	3.05
C100TVX470	470	100	3.29
C100TVX680	680	100	4.25
C100TVX1000	1000	100	7.66
C100TVX1500	1500	100	7.66
C100TVX2200	2200	100	11.34
C160TVX1	1	160	1.19
C160TVX2R2	2.2	160	1.19
C160TVX3R3	3.3	160	1.21
C160TVX4R7	4.7	160	1.29
C160TVX10	10	160	1.31
C160TVX15	15	160	1.31
C160TVX22	22	160	1.37
C160TVX33	33	160	1.50
C160TVX47	47	160	1.65
C160TVX68	68	160	2.39
C160TVX100	100	160	2.90
C160TVX220	220	160	3.64
C160TVX330	330	160	4.90
C160TVX470	470	160	6.31
C250TVX1	1	250	1.19
C250TVX2R2	2.2	250	1.19
C250TVX3R3	3.3	250	1.19
C250TVX4R7	4.7	250	1.19
C250TVX10	10	250	1.31
C250TVX15	15	250	1.41
C250TVX22	22	250	1.41
C250TVX33	33	250	1.49
C250TVX47	47	250	1.59
C250TVX100	100	250	3.02
C250TVX150	150	250	3.75
C250TVX220	220	250	5.13
C250TVX330	330	250	8.03
C250TVX470	470	250	9.06
C250TVX560	560	250	10.48
C250TVX680	680	250	11.24
C350TVX1	1	350	1.41
C350TVX2R2	2.2	350	1.41
C350TVX3R3	3.3	350	1.41
C350TVX4R7	4.7	350	1.41
C350TVX10	10	350	1.61
C350TVX22	22	350	1.61
C350TVX33	33	350	2.04
C350TVX47	47	350	2.30
C350TVX100	100	350	3.96
C350TVX150	150	350	5.33
C450TVX1	1	450	1.44
C450TVX2R2	2.2	450	1.52
C450TVX3R3	3.3	450	1.59
C450TVX4R7	4.7	450	1.59
C450TVX10	10	450	1.91
C450TVX22	22	450	2.55
C450TVX33	33	450	3.45
C450TVX47	47	450	3.51
C450TVX68	68	450	3.56
C450TVX80	80	450	4.15
C450TVX100	100	450	4.88
C450TVX150	150	450	7.03
C500TVX1	1	500	2.72
C500TVX2R2	2.2	500	2.85
C500TVX3R3	3.3	500	2.95
C500TVX4R7	4.7	500	3.42
C500TVX10	10	500	3.65
C500TVX22	22	500	3.80
C500TVX33	33	500	3.92
C500TVX47	47	500	4.08
C500TVX68	68	500	4.52
C500TVX80	80	500	5.19
C500TVX100	100	500	6.04

TNP Non-Polorized Axial

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C16TNP2	2	16	1.09
C16TNP4	4	16	1.09
C16TNP5	5	16	1.09
C16TNP47	47	16	1.24
C16TNP150	150	16	2.28
C16TNP220	220	16	2.28
C16TNP1000	1000	16	5.11
C25TNP1	1	25	1.09
C25TNP2	2	25	1.09
C25TNP5	5	25	1.09
C25TNP8	8	25	1.09
C25TNP10	10	25	1.09
C25TNP16	16	25	1.19
C25TNP22	22	25	1.19
C25TNP30	30	25	1.24
C25TNP100	100	25	2.28
C50TNPR47	.47	50	1.09
C50TNP1	1	50	1.09
C50TNP2	2	50	1.09
C50TNP3R3	3.3	50	1.09
C50TNP4R7	4.7	50	1.09
C50TNP6R8	6.8	50	1.20
C50TNP8R2	8	50	1.20
C50TNP8R2	8.2	50	1.20
C50TNP10	10	50	1.20
C50TNP15	15	50	1.29
C50TNP22	22	50	1.29
C50TNP33	33	50	2.06
C50TNP47	47	50	2.06
C50TNP80	80	50	2.39
C50TNP100	100	50	2.39
C50TNP130	130	50	2.72
C50TNP220	220	50	3.38
C50TNP330	330	50	3.55
C50TNP500	500	50	3.87
C70TNP4R7	4.7	70	1.40
C70TNP33	33	70	2.54
C70TNP10	10	70	2.54
C70TNP12	12	70	2.54
C100TNPR47	.47	100	1.29
C100TNP1	1	100	1.29
C100TNP1R5	1.5	100	1.29
C100TNP2R2	2.2	100	1.29
C100TNP3R3	3.3	100	1.40
C100TNP4R7	4.7	100	1.40
C100TNP7R5	7.5	100	2.06
C100TNP10	10	100	2.06
C100TNP15	15	100	2.28
C100TNP20	20	100	2.28
C100TNP33	33	100	2.54
C100TNP50	50	100	3.00
C100TNP100	100	100	3.22
C100TNP220	220	100	4.64
C100TNP470	470	100	8.29
C200TNP10	10	200	4.14
C200TNP22	22	200	4.52
C200TNP33	33	200	4.93
C200TNP47	47	200	5.05
C200TNP60	60	200	5.34
C450TNP10	10	450	5.67
C450TNP15	15	450	5.84
C450TNP22	22	450	6.36

UNP Non-Polorized Radial

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C16UNP1	1	16	1.09
C16UNP2R2	2.2	16	1.09
C16UNP10	10	16	1.09
C16UNP22	22	16	1.61
C16UNP100	100	16	2.10
C25UNP1	1	25	1.09
C25UNP2R2	2.2	25	1.09
C25UNP3R9	3.9	25	1.09
C25UNP4R7	4.7	25	1.09
C25UNP8R5	8.5	25	1.09
C25UNP10	10	25	1.09
C25UNP22	22	25	1.29
C25UNP33	33	25	1.29
C25UNP47	47	25	1.29
C25UNP100	100	25	1.90
C25UNP220	220	25	3.05
C25UNP330	330	25	3.55
C25UNP470	470	25	3.16
C25UNP1000	1000	25	4.33
C25UNP2200	2200	25	5.07
C35UNP3R3	3.3	35	1.20
C35UNP10	10	35	1.20
C35UNP22	22	35	1.29
C50UNPR47	.47	50	1.09
C50UNP1	1	50	1.09
C50UNP1R5	1.5	50	1.09
C50UNP2R2	2.2	50	1.09
C50UNP3R3	3.3	50	1.09
C50UNP4R7	4.7	50	1.11
C50UNP6R8	6.8	50	1.20
C50UNP10	10	50	1.20
C50UNP22	22	50	1.29
C50UNP33	33	50	2.06
C50UNP47	47	50	2.06
C50UNP100	100	50	2.39
C50UNP220	220	50	3.71
C50UNP330	330	50	3.88
C50UNP470	470	50	4.84
C63UNP2	2	63	1.37
C63UNP4R7	4.7	63	1.37
C63UNP6R8	6.8	63	1.37
C63UNP10	10	63	1.45
C63UNP30	30	63	2.28
C100UNPR47	.47	100	1.30
C100UNP1	1	100	1.30
C100UNP2R2	2.2	100	1.30
C100UNP3R3	3.3	100	1.32
C100UNP4R7	4.7	100	1.40
C100UNP8	8	100	2.06
C100UNP10	10	100	2.06
C100UNP15	15	100	2.15
C100UNP22	22	100	2.28
C100UNP33	33	100	2.54
C100UNP47	47	100	3.00
C100UNP100	100	100	3.18
C100UNP220	220	100	4.39
C160UNP4R7	4.7	160	2.06
C200UNPR47	.47	200	2.06
C200UNP1R5	1.5	200	2.97
C200UNP2R2	2.2	200	2.97
C200UNP4	4	200	3.09
C200UNP8	8	200	3.21
C200UNP12	12	200	3.33
C200UNP20	20	200	3.47
C200UNP40	40	200	3.77

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QXJ Radial Mylar Polyester Film

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
CQXJ1H102	0.001	50	0.47
CQXJ1H332	0.0033	50	0.47
CQXJ1H103	0.01	50	0.61
CQXJ1H123	0.012	50	0.65
CQXJ1H183	0.018	50	0.65
CQXJ1H273	0.027	50	0.65
CQXJ1H333	0.033	50	0.65
CQXJ1H393	0.039	50	0.65
CQXJ1H473	0.047	50	0.74
CQXJ1H104	0.1	50	1.19
CQXJ1H154	0.15	50	1.46
CQXJ1H274	0.27	50	1.66
CQXJ1H334	0.33	50	1.82
CQXJ1H105	1	50	2.79
CQXJ2A102	0.001	100	0.63
CQXJ2A122	0.0012	100	0.63
CQXJ2A152	0.0015	100	0.63
CQXJ2A182	0.0018	100	0.63
CQXJ2A202	0.002	100	0.63
CQXJ2A222	0.0022	100	0.63
CQXJ2A272	0.0027	100	0.63
CQXJ2A332	0.0033	100	0.72
CQXJ2A392	0.0039	100	0.72
CQXJ2A472	0.0047	100	0.72
CQXJ2A562	0.0056	100	0.72
CQXJ2A682	0.0068	100	0.72
CQXJ2A822	0.0082	100	0.72
CQXJ2A103	0.01	100	0.72
CQXJ2A123	0.012	100	0.81
CQXJ2A153	0.015	100	0.81
CQXJ2A183	0.018	100	0.81
CQXJ2A223	0.022	100	0.81
CQXJ2A273	0.027	250	0.81
CQXJ2A333	0.033	100	0.83
CQXJ2A393	0.039	100	0.83
CQXJ2A473	0.047	100	0.97
CQXJ2A563	0.056	100	0.97
CQXJ2A683	0.068	100	1.19
CQXJ2A823	0.082	100	1.19
CQXJ2A104	0.1	100	1.24
CQXJ2A124	0.12	100	1.24
CQXJ2A154	0.15	100	1.26
CQXJ2A184	0.18	100	1.26
CQXJ2A224	0.22	100	1.62
CQXJ2A274	0.27	100	1.62
CQXJ2A334	0.33	100	2.36
CQXJ2A394	0.39	100	2.36
CQXJ2A474	0.47	100	2.84
CQXJ2A564	0.56	100	2.84
CQXJ2A684	0.68	100	3.23
CQXJ2A824	0.82	100	3.44
CQXJ2A105	1	100	3.63
CQXJ2A225	2.2	100	3.78
CQXJ2E103	0.01	250	1.13
CQXJ2E153	0.015	250	1.17
CQXJ2E223	0.022	250	1.31
CQXJ2E273	0.027	250	1.33
CQXJ2E333	0.033	250	1.33
CQXJ2E473	0.47	250	1.33
CQXJ2E683	0.068	250	1.33
CQXJ2E823	0.082	250	1.37
CQXJ2E104	0.1	250	1.37
CQXJ2E124	0.12	250	1.44
CQXJ2E154	0.15	250	1.55
CQXJ2E184	0.18	250	1.55
CQXJ2E224	0.22	250	1.61
CQXJ2E274	0.27	250	1.61
CQXJ2E334	0.33	250	1.70
CQXJ2E394	0.39	250	1.70
CQXJ2E474	0.47	250	1.76
CQXJ2E564	0.56	250	1.76
CQXJ2E684	0.68	250	2.00
CQXJ2E824	0.82	250	2.19
CQXJ2E105	1	250	2.99
CQXJ2E125	1.2	250	3.26
CQXJ2E155	1.5	250	3.26
CQXJ2E185	1.8	250	3.76
CQXJ2E225	2.2	250	4.41
CQXJ2E335	3.3	250	5.19
CQXJ2E565	5.6	250	7.30

QXJ Radial Mylar Polyester Film(Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
CQXJ2G472	0.0047	400	1.26
CQXJ2G103	0.01	400	1.28
CQXJ2G153	0.015	400	1.28
CQXJ2G223	0.022	400	1.28
CQXJ2G333	0.033	400	1.31
CQXJ2G473	0.047	400	1.31
CQXJ2G563	0.056	400	1.31
CQXJ2G683	0.068	400	1.36
CQXJ2G823	0.082	400	1.36
CQXJ2G104	0.1	400	1.41
CQXJ2G124	0.12	400	1.41
CQXJ2G154	0.15	400	1.52
CQXJ2G184	0.18	400	1.58
CQXJ2G224	0.22	400	1.68
CQXJ2G274	0.27	400	1.68
CQXJ2G334	0.33	400	2.07
CQXJ2G394	0.39	400	2.43
CQXJ2G474	0.47	400	2.76
CQXJ2G564	0.56	400	3.14
CQXJ2G684	0.68	400	3.63
CQXJ2G824	0.82	400	3.78
CQXJ2G105	1	400	4.52
CQXJ2G155	1.5	400	4.78
CQXJ2G205	2	400	5.01
CQXJ2G305	3	400	5.34
CQXJ2G405	4	400	6.76
CQXJ2J102	0.001	630	1.46
CQXJ2J122	0.0012	630	1.46
CQXJ2J152	0.0015	630	1.46
CQXJ2J182	0.0018	630	1.46
CQXJ2J202	0.002	630	1.46
CQXJ2J222	0.0022	630	1.46
CQXJ2J252	0.0025	630	1.46
CQXJ2J272	0.0027	630	1.46
CQXJ2J302	0.003	630	1.46
CQXJ2J332	0.0033	630	1.46
CQXJ2J392	0.0039	630	1.46
CQXJ2J472	0.0047	630	1.46
CQXJ2J502	0.0050	630	1.46
CQXJ2J562	0.0056	630	1.46
CQXJ2J682	0.0068	630	1.46
CQXJ2J802	0.008	630	1.46
CQXJ2J103	0.01	630	1.46
CQXJ2J123	0.012	630	1.46
CQXJ2J153	0.015	630	1.46
CQXJ2J183	0.018	630	1.46
CQXJ2J203	0.02	630	1.49
CQXJ2J223	0.022	630	1.49
CQXJ2J273	0.027	630	1.49
CQXJ2J333	0.033	630	1.49
CQXJ2J393	0.039	630	1.49
CQXJ2J473	0.047	630	1.49
CQXJ2J503	0.05	630	1.49
CQXJ2J563	0.056	630	1.53
CQXJ2J683	0.068	630	1.53
CQXJ2J823	0.082	630	1.53
CQXJ2J104	0.1	630	1.53
CQXJ2J124	0.12	630	1.68
CQXJ2J154	0.15	630	1.86
CQXJ2J184	0.18	630	2.09
CQXJ2J224	0.22	630	2.42
CQXJ2J254	0.25	630	2.73
CQXJ2J274	0.27	630	2.73
CQXJ2J334	0.33	630	3.18
CQXJ2J394	0.39	630	3.45
CQXJ2J474	0.47	630	3.42
CQXJ2J504	0.5	630	3.42
CQXJ2J564	0.56	630	4.60
CQXJ2J105	1	630	8.45
CQXJ2J155	1.5	630	9.47
CQXJ2J185	1.8	630	9.81
CQXJ2J205	2	630	9.81

SMA Silver Mica Capacitors

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C5SMA1	1pf	500	1.38
C5SMA2	2pf	500	1.38
C5SMA3	3pf	500	1.38
C5SMA4	4pf	500	1.38
C5SMA5	5pf	500	1.38
C5SMA6	6pf	500	1.38
C5SMA6.8	6.8pf	500	1.38
C5SMA8	8pf	500	1.38
C5SMA9	9pf	500	1.38
C5SMA10	10pf	500	1.38
C5SMA11	11pf	500	1.38
C5SMA12	12pf	500	1.38
C5SMA15	15pf	500	1.38
C5SMA17	17pf	500	1.38
C5SMA18	18pf	500	1.38
C5SMA19	19pf	500	1.38
C5SMA20	20pf	500	1.38
C5SMA22	22pf	500	1.38
C5SMA23	23pf	500	1.38
C5SMA24	24pf	500	1.38
C5SMA27	27pf	500	1.38
C5SMA30	30pf	500	1.38
C5SMA33	33pf	500	1.38
C5SMA36	36pf	500	1.38
C5SMA39	39pf	500	1.38
C5SMA43	43pf	500	1.38
C5SMA47	47pf	500	1.38
C5SMA50	50pf	500	1.38
C5SMA58	58pf	500	1.38
C5SMA60	60pf	500	1.38
C5SMA62	62pf	500	1.38
C5SMA65	65pf	500	1.38
C5SMA68	68pf	500	1.38
C5SMA82	82pf	500	1.38
C5SMA90	90pf	500	1.38
C5SMA91	91pf	500	1.38
C5SMA100	100pf	500	1.52
C5SMA110	110pf	500	1.52
C5SMA120	120pf	500	1.52
C5SMA130	130pf	500	1.52
C5SMA150	150pf	500	1.52
C5SMA160	160pf	500	1.53
C5SMA170	170pf	500	1.52
C5SMA180	180pf	500	1.52
C5SMA190	190pf	500	1.65
C5SMA195	195pf	500	1.65
C5SMA200	200pf	500	1.65
C5SMA220	220pf	500	1.65
C5SMA240	240pf	500	1.65
C5SMA250	250pf	500	1.65
C5SMA270	270pf	500	1.65
C5SMA300	300pf	500	1.77
C5SMA330	330pf	500	1.77
C5SMA360	360pf	500	1.77
C5SMA390	390pf	500	1.82
C5SMA430	430pf	500	1.97
C5SMA470	470pf	500	1.97
C5SMA490	490pf	500	1.97
C5SMA500	500pf	500	1.97
C5SMA510	510pf	500	1.97
C5SMA560	560pf	500	1.97
C5SMA570	570pf	500	1.97
C5SMA600	600pf	500	2.01
C5SMA620	620pf	500	2.01
C5SMA665	665pf	500	2.01
C5SMA680	680pf	500	2.01
C5SMA750	750pf	500	2.09
C5SMA810	810pf	500	2.09
C5SMA820	820pf	500	2.09
C5SMA865	865pf	500	2.09
C5SMA940	940pf	500	2.09

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SMA Silver Mica Capacitors

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C5SMA1000	1000pf	500	2.09
C5SMA1030	1030pf	500	2.15
C5SMA1100	1100pf	500	2.34
C5SMA1200	1200pf	500	2.54
C5SMA1300	1300pf	500	2.54
C5SMA1400	1400pf	500	3.53
C5SMA1600	1600pf	500	3.53
C5SMA1800	1800pf	500	3.53
C5SMA2000	2000pf	500	3.53
C5SMA2200	2200pf	500	3.53
C5SMA2400	2400pf	500	3.53
C5SMA2500	2500pf	500	3.53
C5SMA2700	2700pf	500	3.53
C5SMA3000	3000pf	500	3.60
C5SMA3010	3010pf	500	3.65
C5SMA3300	3300pf	500	3.71
C5SMA3600	3600pf	500	3.96
C5SMA3900	3900pf	500	4.40
C5SMA4000	4000pf	500	4.40
C5SMA4300	4300pf	500	4.47
C5SMA4700	4700pf	500	4.96
C5SMA4990	4990pf	500	5.36
C5SMA5000	5000pf	500	5.45
C5SMA5600	5600pf	500	5.69
C5SMA6800	6800pf	500	5.96
C5SMA7500	7500pf	500	6.46
C5SMA8200	8200pf	500	6.69
C5SMA9100	9100pf	500	6.95
C5SMA10000	10000pf	500	7.74
C5SMA11000	11000pf	500	8.00
C5SMA12000	12000pf	500	8.24
C5SMA13000	13000pf	500	8.48
C5SMA16000	16000pf	500	8.71
C5SMA17000	17000pf	500	8.85
C5SMA18000	18000pf	500	8.99
C5SMA20000	20000pf	500	9.26
C5SMA22000	22000pf	500	9.37
C5SMA24000	24000pf	500	9.48
C5SMA33000	33000pf	500	10.46
C5SMA39000	39000pf	500	11.22
C5SMA47000	47000pf	500	13.38

CC 1000 Volt Ceramic Disc

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C1KCC2	2pf	1000	1.08
C1KCC2R2	2.2pf	1000	1.08
C1KCC2R5	2.5pf	1000	1.08
C1KCC2R7	2.7pf	1000	1.08
C1KCC3	3pf	1000	1.08
C1KCC3R3	3.3pf	1000	1.08
C1KCC4	4pf	1000	1.08
C1KCC4R4	4.4pf	1000	1.08
C1KCC4R7	4.7pf	1000	1.08
C1KCC5	5pf	1000	1.08
C1KCC5R1	5.1mf	1000	1.08
C1KCC5R6	5.6pf	1000	1.08
C1KCC6	6pf	1000	1.08
C1KCC6R2	6.2pf	1000	1.08
C1KCC6R8	6.8pf	1000	1.08
C1KCC7	7pf	1000	1.08
C1KCC7R5	7.5pf	1000	1.08
C1KCC8	8.2pf	1000	1.08
C1KCC9	9pf	1000	1.08
C1KCC9R1	9.1pf	1000	1.08
C1KCC10	10pf	1000	1.08
C1KCC11	11pf	1000	1.08
C1KCC12	12pf	1000	1.08
C1KCC13	13pf	1000	1.08
C1KCC15	15pf	1000	1.08
C1KCC17	17pf	1000	1.08
C1KCC18	18pf	1000	1.08
C1KCC20	20pf	1000	1.08
C1KCC22	22pf	1000	1.08
C1KCC24	24pf	1000	1.08

CC 1000 Volt Ceramic Disc (Cont.)

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C1KCC25	25pf	1000	1.08
C1KCC27	27pf	1000	1.08
C1KCC30	30pf	1000	1.08
C1KCC33	33pf	1000	1.08
C1KCC36	36pf	1000	1.08
C1KCC39	39pf	1000	1.08
C1KCC40	40pf	1000	1.08
C1KCC42	42pf	1000	1.08
C1KCC43	43pf	1000	1.08
C1KCC47	47pf	1000	1.08
C1KCC50	50pf	1000	1.08
C1KCC51	51pf	1000	1.08
C1KCC56	56pf	1000	1.08
C1KCC60	60pf	1000	1.08
C1KCC62	62pf	1000	1.08
C1KCC68	68pf	1000	1.08
C1KCC75	75pf	1000	1.08
C1KCC82	82pf	1000	1.08
C1KCC91	91pf	1000	1.08
C1KCC100	100pf	1000	1.08
C1KCC120	120pf	1000	1.08
C1KCC130	130pf	1000	1.08
C1KCC150	150pf	1000	1.08
C1KCC180	180pf	1000	1.08
C1KCC200	200pf	1000	1.08
C1KCC220	220pf	1000	1.08
C1KCC250	250pf	1000	1.08
C1KCC270	270pf	1000	1.08
C1KCC300	300pf	1000	1.08
C1KCC330	330pf	1000	1.08
C1KCC350	350pf	1000	1.08
C1KCC390	390pf	1000	1.08
C1KCC400	400pf	1000	1.08
C1KCC430	430pf	1000	1.08
C1KCC470	470pf	1000	1.08
C1KCC500	500pf	1000	1.08
C1KCC510	510pf	1000	1.08
C1KCC560	560pf	1000	1.08
C1KCC680	680pf	1000	1.08
C1KCC750	750pf	1000	1.08
C1KCC800	800pf	1000	1.08
C1KCC820	820pf	1000	1.08
C1KCC910	910pf	1000	1.08
C1KCC1000	1000pf	1000	1.08
C1KCC1200	1200pf	1000	1.08
C1KCC1500	1500pf	1000	1.08
C1KCC1600	1600pf	1000	1.08
C1KCC1800	1800pf	1000	1.08
C1KCC2000	2000pf	1000	1.08
C1KCC2200	2200pf	1000	1.08
C1KCC2500	2500pf	1000	1.08
C1KCC2700	2700pf	1000	1.08
C1KCC3000	3000pf	1000	1.08
C1KCC3300	3300pf	1000	1.08
C1KCC3900	3900pf	1000	1.08
C1KCC4000	4000pf	1000	1.08
C1KCC4300	4300pf	1000	1.08
C1KCC4700	4700pf	1000	1.08
C1KCC5000	5000pf	1000	1.08
C1KCC5600	5600pf	1000	1.08
C1KCC6800	6800pf	1000	1.08
C1KCC7500	7500pf	1000	1.08
C1KCC8200	8200pf	1000	1.08
C1KCCR01	0.01mf	1000	1.70
C1KCCR015	0.015mf	1000	2.91
C1KCCR02	0.02mf	1000	2.91
C1KCCR03	0.03mf	1000	3.35
C1KCCR033	0.033mf	1000	3.35
C1KCCR036	0.036mf	1000	3.35
C1KCCR047	0.047mf	1000	3.57
C1KCCR05	0.05mf	1000	3.57
C1KCCR1	0.1mf	1000	3.93

RTA Dipped Tantalum Capacitors

OUR TYPE	CAP MFD.	WORKING VOLTS DC	COST
C6RTA6R8	6.8	6	0.90
C6RTA10	10	6	1.08
C6RTA22	22	6	1.22
C6RTA47	47	6	1.43
C6RTA330	330	6	6.47
C10RTA4R7	4.7	10	0.90
C10RTA10	10	10	1.08
C10RTA15	15	10	2.20
C10RTA22	22	10	2.20
C10RTA33	33	10	2.60
C10RTA100	100	10	3.32
C10RTA150	150	10	5.06
C16RTAR1	0.1	16	0.86
C16RTA1	1	16	0.86
C16RTA2R2	2.2	16	0.86
C16RTA3R3	3.3	16	0.86
C16RTA4R7	4.7	16	0.88
C16RTA6R8	6.8	16	1.17
C16RTA10	10	16	1.31
C16RTA15	15	16	1.31
C16RTA22	22	16	1.31
C16RTA27	27	16	2.53
C16RTA33	33	16	2.53
C16RTA47	47	16	2.85
C16RTA68	68	16	3.54
C16RTA100	100	16	5.06
C16RTA150	150	16	8.16
C16RTA220	220	16	10.35
C25RTA1	0.1	25	0.86
C25RTAR33	0.33	25	0.86
C25RTA1	1	25	0.86
C25RTA1R5	1.5	25	0.86
C25RTA2R2	2.2	25	0.90
C25RTA3R3	3.3	25	0.90
C25RTA4R7	4.7	25	1.13
C25RTA6R8	6.8	25	1.35
C25RTA8R2	8.2	25	1.58
C25RTA10	10	25	1.58
C25RTA15	15	25	1.65
C25RTA22	22	25	2.40
C25RTA33	33	25	3.30
C25RTA47	47	25	4.15
C25RTA68	68	25	8.16
C25RTA100	100	25	10.69
C35RTAR1	0.1	35	0.86
C35RTA15	0.15	35	0.86
C35RTA22	0.22	35	0.86
C35RTA33	0.33	35	0.86
C35RTAR47	0.47	35	0.86
C35RTAR68	0.68	35	0.86
C35RTA15	1	35	0.86
C35RTA1R5	1.5	35	0.86
C35RTA2R2	2.2	35	0.95
C35RTA2R7	2.7	35	1.17
C35RTA3R3	3.3	35	1.17
C35RTA4R7	4.7	35	1.45
C35RTA6R8	6.8	35	1.65
C35RTA10	10	35	1.65
C35RTA15	15	35	1.80
C35RTA22	22	35	3.45
C35RTA27	27	35	4.04
C35RTA33	33	35	4.44
C35RTA47	47	35	8.44
C50RTAR1	0.1	50	0.95
C50RTAR15	0.15	50	0.95
C50RTAR22	0.22	50	0.95
C50RTAR33	0.33	50	0.95
C50RTAR47	0.47	50	0.95
C50RTAR68	0.68	50	1.19
C50RTA1	1	50	1.29
C50RTA1R5	1.5	50	1.29
C50RTA2R2	2.2	50	1.35
C50RTA3R3	3.3	50	2.15
C50RTA4R7	4.7	50	2.81
C50RTA6R8	6.8	50	4.33
C50RTA10	10	50	5.88
C50RTA22	22	50	9.28
C50RTA33	33	50	11.45

SCD-1 Includes 5 pieces of each of the following 176 Items in Blister-Pack, with a display and hardware

UWX Ultra -Mini Surface Mount

PART NO.	CAP MFD
6.3VDC	
C6R3UWX22	22
C6R3UWX33	33
C6R3UWX47	47
C6R3UWX100	100
10VDC	
C10UWX22	22
C10UWX33	33
C10UWX47	47
16VDC	
C16UWX10	10
C16UWX22	22
C16UWX33	33
C16UWX47	47
25VDC	
C25UWX4R7	4.7
C25UWX10	10
C25UWX22	22
C25UWX33	33
35VDC	
C35UWX4R7	4.7
C35UWX10	10
C35UWX22	22
50VDC	
C50UWXR1	0.10
C50UWXR22	0.22
C50UWXR33	0.33
C50UWXR47	0.47
C50UWX1	1.00
C50UWX2R2	2.20
C50UWX3R3	3.30
C50UWX4R7	4.70
C50UWX10	10.00

UMA Ultra Mini Radial

PART NO.	CAP MFD
6.3VDC	
C6R3UMA10	10
C6R3UMA22	22
C6R3UMA33	33
C6R3UMA47	47
C6R3UMA100	100
C6R3UMA220	220
C6R3UMA330	330
10VDC	
C10UMA22	22
C10UMA33	33
C10UMA47	47
C10UMA100	100
C10UMA220	220
C10UMA330	330
16VDC	
C16UMA4R7	4.7
C16UMA10	10
C16UMA22	22
C16UMA33	33
C16UMA47	47
C16UMA100	100

UMA Ultra-Mini Radial

PART NO.	CAP MFD
25VDC	
C25UMA3R3	3.3
C25UMA4R7	4.7
C25UMA10	10
C25UMA22	22
C25UMA33	33
C25UMA47	47
C25UMA100	100
35VDC	
C35UMA2R2	2.2
C35UMA3R3	3.3
C35UMA4R7	4.7
C35UMA10	10
C35UMA22	22
C35UMA33	33
C35UMA47	47
50VDC	
C50UMAR1	.1
C50UMAR22	.22
C50UMAR33	.33
C50UMAR47	.47
C50UMA1	1.0
C50UMA2R2	2.2
C50UMA3R3	3.3
C50UMA4R7	4.7
C50UMA10	10
C50UMA22	22
C50UMA33	33

UVZ High-Temperature Radial

OUR TYPE	CAP MFD.	WORKING VOLTS DC
C16UVZ10	10	16
C16UVZ22	22	16
C16UVZ33	33	16
C16UVZ47	47	16
C16UVZ100	100	16
C16UVZ220	220	16
C16UVZ330	330	16
C16UVZ470	470	16
C16UVZ1000	1000	16
C16UVZ2200	2200	16
C16UVZ3300	3300	16
C16UVZ4700	4700	16
C25UVZ4R7	4.7	25
C25UVZ10	10	25
C25UVZ22	22	25
C25UVZ33	33	25
C25UVZ47	47	25
C25UVZ100	100	25
C25UVZ150	150	25
C25UVZ220	220	25
C25UVZ330	330	25
C25UVZ470	470	25
C25UVZ1000	1000	25
C25UVZ2200	2200	25
C25UVZ3300	3300	25
C25UVZ4700	4700	25

SCD-1

Distributor Cost

$1495.00

UVZ High-Temperature Radial

OUR TYPE	CAP MFD.	WORKING VOLTS DC
C35UVZ10	10	35
C35UVZ22	22	35
C35UVZ33	33	35
C35UVZ47	47	35
C35UVZ100	100	35
C35UVZ220	220	35
C35UVZ330	330	35
C35UVZ470	470	35
C35UVZ1000	1000	35
C35UVZ1500	1500	35
C35UVZ2200	2200	35
C35UVZ3300	3300	35
C35UVZ4700	4700	35
C35UVZ6800	6800	35
C50UVZR47	0.47	50
C50UVZ1	1	50
C50UVZ2R2	2.2	50
C50UVZ3R3	3.3	50
C50UVZ4R7	4.7	50
C50UVZ10	10	50
C50UVZ22	22	50
C50UVZ33	33	50
C50UVZ47	47	50
C50UVZ100	100	50
C50UVZ220	220	50
C50UVZ330	330	50
C50UVZ470	470	50
C50UVZ680	680	50
C50UVZ1000	1000	50
C50UVZ2200	2200	50
C50UVZ3300	3300	50
C50UVZ4700	4700	50
C63UVZ4R7	4.7	63
C63UVZ10	10	63
C63UVZ22	22	63
C63UVZ33	33	63
C63UVZ47	47	63
C63UVZ100	100	63
C63UVZ220	220	63
C63UVZ330	330	63
C63UVZ470	470	63
C63UVZ1000	1000	63
C160UVZ1	1	160
C160UVZ2R2	2.2	160
C160UVZ3R3	3.3	160
C160UVZ4R7	4.7	160
C160UVZ10	10	160
C160UVZ22	22	160
C160UVZ33	33	160
C160UVZ47	47	160
C160UVZ100	100	160
C250UVZ1	1	250
C250UVZ2R2	2.2	250
C250UVZ3R3	3.3	250
C250UVZ4R7	4.7	250
C250UVZ10	10	250
C250UVZ22	22	250
C250UVZ33	33	250
C250UVZ47	47	250
C250UVZ100	100	250
C250UVZ220	220	250
C350UVZR47	0.47	350
C350UVZ1	1	350
C350UVZ2R2	2.2	350
C350UVZ3R3	3.3	350
C350UVZ4R7	4.7	350
C350UVZ10	10	350
C350UVZ22	22	350
C350UVZ33	33	350
C350UVZ47	47	350
C350UVZ100	100	350
C450UVZ1	1	450
C450UVZ2R2	2.2	450
C450UVZ3R3	3.3	450
C450UVZ4R7	4.7	450
C450UVZ10	10	450
C450UVZ22	22	450
C450UVZ33	33	450
C450UVZ47	47	450

SCD-2

Includes 5 pieces of each of the following 197 Items in Blister-Pack, with a display and hardware

TNP Axial Non Polar

OUR TYPE	CAP MFD.	WORKING VOLTS DC
C50TNPR47	.47	50
C50TNP1	1	50
C50TNP2	2	50
C50TNP3R3	3.3	50
C50TNPR47	4.7	50
C50TNP6R8	6.8	50
C50TNP8R2	8.2	50
C50TNP8R2	8	50
C50TNP10	10	50
C50TNP15	15	50
C50TNP22	22	50
C50TNP33	33	50
C50TNP47	47	50
C50TNP80	80	50
C50TNP100	100	50
C50TNP130	130	50
C50TNP220	220	50
C50TNP330	330	50
C100TNPR47	.47	100
C100TNP1	1	100
C100TNP1R5	1.5	100
C100TNP2R2	2.2	100
C100TNP3R3	3.3	100
C100TNP4R7	4.7	100
C100TNP7R5	7.5	100
C100TNP10	10	100
C100TNP15	15	100
C100TNP20	20	100
C100TNP33	33	100
C100TNP50	50	100
C100TNP100	100	100
C100TNP220	220	100

UNP Radial Non Polar

OUR TYPE	CAP MFD.	WORKING VOLTS DC
C50UNPR47	.47	50
C50UNP1	1	50
C50UNP1R5	1.5	50
C50UNP2R2	2.2	50
C50UNP3R3	3.3	50
C50UNP4R7	4.7	50
C50UNP6R8	6.8	50
C50UNP10	10	50
C50UNP22	22	50
C50UNP33	33	50
C50UNP47	47	50
C50UNP100	100	50
C50UNP220	220	50
C50UNP330	330	50
C50UNP470	470	50
C100UNPR47	.47	100
C100UNP1	1	100
C100UNP2R2	2.2	100
C100UNP3R3	3.3	100
C100UNP4R7	4.7	100
C100UNP8	8	100
C100UNP10	10	100
C100UNP15	15	100
C100UNP22	22	100
C100UNP33	33	100
C100UNP47	47	100
C100UNP100	100	100
C100UNP220	220	100

UHA High Frequency Non Polar

OUR TYPE	CAP MFD.	WORKING VOLTS DC
C50UHA1	1	50
C50UHA1R5	2	50
C50UHA2R2	2.2	50
C50UHA2R7	2.7	50
C50UHA3R3	3.3	50
C50UHA4R7	4.7	50

QXJ Radial Mylar

OUR TYPE	CAP MFD.	WORKING VOLTS DC
CQXJ2A102	0.001	100
CQXJ2A122	0.0012	100
CQXJ2A152	0.0015	100
CQXJ2A182	0.0018	100
CQXJ2A202	0.002	100
CQXJ2A222	0.0022	100
CQXJ2A272	0.0027	100
CQXJ2A332	0.0033	100
CQXJ2A392	0.0039	100
CQXJ2A472	0.0047	100
CQXJ2A562	0.0056	100
CQXJ2A682	0.0068	100
CQXJ2A822	0.0082	100
CQXJ2A103	0.01	100
CQXJ2A123	0.012	100
CQXJ2A153	0.015	100
CQXJ2A183	0.018	100
CQXJ2A223	0.022	100
CQXJ2A273	0.027	100
CQXJ2A333	0.033	100
CQXJ2A393	0.039	100
CQXJ2A473	0.047	100
CQXJ2A563	0.056	100
CQXJ2A683	0.068	100
CQXJ2A823	0.082	100
CQXJ2A104	0.1	100
CQXJ2A124	0.12	100
CQXJ2A154	0.15	100
CQXJ2A184	0.18	100
CQXJ2A224	0.22	100
CQXJ2A274	0.27	100
CQXJ2A334	0.33	100
CQXJ2A394	0.39	100
CQXJ2A474	0.47	100
CQXJ2A564	0.56	100
CQXJ2A684	0.68	100
CQXJ2A824	0.82	100
CQXJ2A105	1	100
CQXJ2A225	2.2	100

SCD-2

Distributor Cost

$1850.00

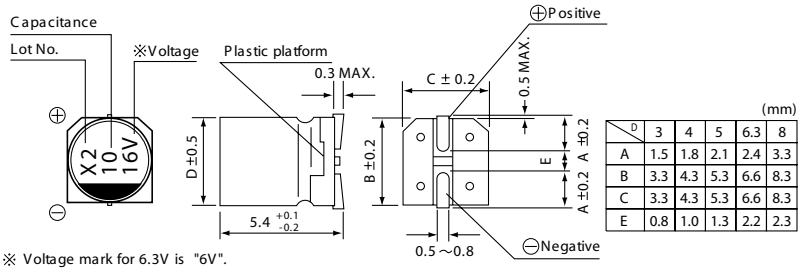
QXJ Radial Mylar

OUR TYPE	CAP MFD.	WORKING VOLTS DC
CQXJ2E103	0.01	250
CQXJ2E153	0.015	250
CQXJ2E223	0.022	250
CQXJ2E273	0.027	250
CQXJ2E333	0.033	250
CQXJ2E473	0.04	250
CQXJ2E683	0.068	250
CQXJ2E823	0.082	250
CQXJ2E104	0.1	250
CQXJ2E124	0.12	250
CQXJ2E154	0.15	250
CQXJ2E184	0.18	250
CQXJ2E224	0.22	250
CQXJ2E274	0.27	250
CQXJ2E334	0.33	250
CQXJ2E394	0.39	250
CQXJ2E474	0.47	250
CQXJ2E564	0.56	250
CQXJ2E684	0.68	250
CQXJ2E824	0.82	250
CQXJ2E105	1	250
CQXJ2G472	0.0047	400
CQXJ2G103	0.01	400
CQXJ2G153	0.015	400
CQXJ2G223	0.022	400
CQXJ2G333	0.033	400
CQXJ2G473	0.047	400
CQXJ2G563	0.056	400
CQXJ2G683	0.068	400
CQXJ2G823	0.082	400
CQXJ2G104	0.1	400
CQXJ2G124	0.12	400
CQXJ2G154	0.15	400
CQXJ2G184	0.18	400
CQXJ2G224	0.22	400
CQXJ2G274	0.27	400
CQXJ2G334	0.0033	400
CQXJ2G394	0.0039	400
CQXJ2G474	0.0047	400
CQXJ2G564	0.0056	400
CQXJ2G684	0.0068	400
CQXJ2G824	0.0082	400
CQXJ2G105	1	400
CQXJ2J102	0.001	630
CQXJ2J122	0.0012	630
CQXJ2J152	0.0015	630
CQXJ2J182	0.0018	630
CQXJ2J202	0.002	630
CQXJ2J222	0.0022	630
CQXJ2J252	0.0025	630
CQXJ2J272	0.0027	630
CQXJ2J302	0.003	630
CQXJ2J332	0.0033	630
CQXJ2J392	0.0039	630
CQXJ2J472	0.0047	630
CQXJ2J502	0.0050	630
CQXJ2J562	0.0056	630
CQXJ2J682	0.0068	630
CQXJ2J802	0.008	630
CQXJ2J103	0.01	630
CQXJ2J123	0.12	630
CQXJ2J153	0.015	630
CQXJ2J183	0.18	630
CQXJ2J203	0.02	630
CQXJ2J223	0.022	630
CQXJ2J273	0.027	630
CQXJ2J333	0.033	630
CQXJ2J393	0.39	630
CQXJ2J473	0.047	630
CQXJ2J503	0.05	630
CQXJ2J563	0.056	630
CQXJ2J683	0.068	630
CQXJ2J823	0.082	630
CQXJ2J104	0.1	630
CQXJ2J124	0.12	630
CQXJ2J154	0.15	630
CQXJ2J184	0.18	630
CQXJ2J224	0.22	630
CQXJ2J254	0.25	630
CQXJ2J274	0.27	630
CQXJ2J334	0.33	630
CQXJ2J394	0.39	630
CQXJ2J474	0.47	630
CQXJ2J504	0.5	630
CQXJ2J564	0.56	630

Ultra Mini Surface Mount Aluminum Electrolytic Capacitors 85°c

UWX Standard General Purpose 85∞c

5MM Height Ultra Mini Surface Mount



(mm)

D	3	4	5	6.3	8
A	1.5	1.8	2.1	2.4	3.3
B	3.3	4.3	5.3	6.6	8.3
C	3.3	4.3	5.3	6.6	8.3
E	0.8	1.0	1.3	2.2	2.3

■Specifications

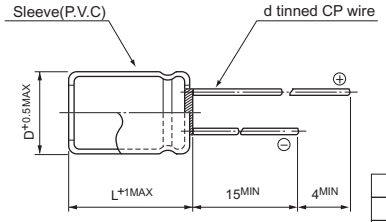
Item	Performance Characteristics
Operating Temperature Range	−40 ~ +85°C
Voltage Range	4 ~ 50V
Capacitance Range	0.1 ~ 330 F
Capacitance Tolerance	±20% at 120Hz, 20°C
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3(A),whichever is greater.
tan	Measurement frequency : 120Hz, Temperature : 20°C Rated voltage(V): 4 / 6.3 / 10 / 16 / 25 / 35 / 50 tan (MAX.): 0.35(0.40) / 0.26(0.30) / 0.20(0.24) / 0.16(0.19) / 0.14(0.16) / 0.12(0.14) / 0.12(0.14) Values in( )applicable to 3 case size and WR series.
Stability at Low Temperature	Measurement frequency : 120Hz Rated voltage(V): 4 / 6.3 / 10 / 16 / 25 / 35 / 50 Impedance ratio ZT/Z20(MAX.) Z−25°C/Z+20°C: 7 / 4 / 3 / 2 / 2 / 2 / 2 Z−40°C/Z+20°C: 15 / 8 / 8 / 4 / 4 / 3 / 3
Load Life	After 2000 hours' application of rated voltage at 85°C,capacitors meet the characteristics requirements listed at right. Capacitance change: Within ±20% of initial value(Within ±25% for 4 V and 3 units,WR series) tan: 200% or less of initial specified value Leakage Current: Initial specifed value or less
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for load life characteristics listed above.
Resistance to soldering heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds. After removing from the hot plate and restored at room temperature, they meet the characteristics requirements listed at right. Capacitance change: Within ±10% of initial value tan: Initial specified value or less Leakage current: Initial specified value or less
Marking	Black print on the case top.
Applicable Standards	JIS C 5141 and JIS C 5102.

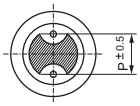
PART NO.	CAP MFD	05-99	100-499	500-UP
4VDC				
4UWX33	33	0.62	0.55	0.44
4UWX47	47	0.62	0.55	0.44
4UWX100	100	0.62	0.55	0.44
4UWX220	220	0.62	0.55	0.44
6.3VDC				
6R3UWX22	22	0.62	0.55	0.44
6R3UWX33	33	0.62	0.55	0.44
6R3UWX47	47	0.62	0.55	0.44
6R3UWX100	100	0.62	0.55	0.44
10VDC				
10UWX22	22	0.62	0.55	0.44
10UWX33	33	0.62	0.55	0.44
10UWX47	47	0.62	0.55	0.44
16VDC				
16UWX10	10	0.62	0.55	0.44
16UWX22	22	0.62	0.55	0.44
16UWX33	33	0.62	0.55	0.44
16UWX47	47	0.62	0.55	0.44

PART NO.	CAP MFD	5-99	100-499	500-UP
25VDC				
25UWX4R7	4.7	0.62	0.55	0.44
25UWX10	10	0.62	0.55	0.44
25UWX22	22	0.62	0.55	0.44
25UWX33	33	0.62	0.55	0.44
35VDC				
35UWX4R7	4.7	0.62	0.55	0.44
35UWX10	10	0.62	0.55	0.44
35UWX22	22	0.62	0.55	0.44
50VDC				
50UWXR1	0.10	0.62	0.55	0.44
50UWXR22	0.22	0.62	0.55	0.44
50UWXR33	0.33	0.62	0.55	0.44
50UWXR47	0.47	0.62	0.55	0.44
50UWX1	1	0.62	0.55	0.44
50UWX2R2	2.2	0.62	0.55	0.44
50UWX3R3	3.3	0.62	0.55	0.44
50UWX4R7	4.7	0.62	0.55	0.44
50UWX10	10	0.62	0.55	0.44

UMA Standard General Purpose 85∞c

5MM Height Ultra Mini Radial





D	3	4	5	6.3	8
P	1.0	1.5	2.0	2.5	2.5
d	0.4	0.45	0.45	0.45	0.45

■Specifications

Item	Performance Characteristics
Operating Temperature Range	—40 ~ +85°C
Voltage Range	4 ~ 50V
Capacitance Range	0.1 ~ 470 F
Capacitance Tolerance	±20% at 120Hz, 20°C
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3(A),whichever is greater.
tan	Measurement frequency : 120Hz, Temperature : 20°C Rated voltage(V) 4 6.3 10 16 25 35 50 tan (MAX.) 0.35 0.24(0.30) 0.20(0.24) 0.16(0.20) 0.14(0.18) 0.12(0.16) 0.10(0.13) Figures in ( ) are for MR series.
Stability at Low Temperature	Measurement frequency : 120Hz Rated voltage(V) 4 6.3 10 16 25 35 50 Impedance ratio Z—25°C/Z+20°C 7 4 3 2 2 2 2 ZT/Z20(MAX.) Z—40°C/Z+20°C 15 8 6 4 4 3 3
Load Life	After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right. Capacitance change: Within ±20% of initial value(MR series & 3 product : Within ±25%) tan: 200% or less of initial specified value Leakage current: Initial specified value or less
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for load life characteristics listed above.
Marking	Printed with white color letter on black sleeve.
Applicable Standards	JIS C 5141 and JIS C 5102.

PART NO.	CAP MFD	05-99	100-499	500-UP
6.3VDC				
6R3UMA10	10	0.31	0.26	0.22
6R3UMA22	22	0.31	0.26	0.22
6R3UMA33	33	0.31	0.26	0.22
6R3UMA47	47	0.31	0.26	0.22
6R3UMA100	100	0.35	0.31	0.26
6R3UMA220	220	0.47	0.41	0.37
6R3UMA330	330	0.52	0.45	0.42
10VDC				
10UMA22	22	0.35	0.29	0.25
10UMA33	33	0.35	0.29	0.25
10UMA47	47	0.35	0.29	0.25
10UMA100	100	0.44	0.33	0.28
10UMA220	220	0.48	0.39	0.35
10UMA330	330	0.64	0.51	0.47
16VDC				
16UMA4R7	4.7	0.31	0.26	0.22
16UMA10	10	0.35	0.31	0.26
16UMA22	22	0.44	0.33	0.28
16UMA33	33	0.44	0.33	0.28
16UMA47	47	0.44	0.33	0.28
16UMA100	100	0.51	0.44	0.39

PART NO.	CAP MFD	05-99	100-499	500-UP
25VDC				
25UMA3R3	3.3	0.26	0.16	0.14
25UMA4R7	4.7	0.31	0.26	0.22
25UMA10	10	0.35	0.29	0.25
25UMA22	22	0.46	0.41	0.37
25UMA33	33	0.46	0.41	0.37
25UMA47	47	0.46	0.41	0.37
25UMA100	100	0.56	0.50	0.44
35VDC				
35UMA2R2	2.2	0.26	0.16	0.14
35UMA3R3	3.3	0.26	0.16	0.14
35UMA4R7	4.7	0.31	0.26	0.22
35UMA10	10	0.39	0.35	0.29
35UMA22	22	0.52	0.44	0.41
35UMA33	33	0.58	0.48	0.44
35UMA47	47	0.68	0.65	0.57
50VDC				
50UMAR1	.1	0.26	0.16	0.14
50UMAR22	.22	0.26	0.16	0.14
50UMAR33	.33	0.26	0.16	0.14
50UMAR47	.47	0.26	0.16	0.14
50UMA1	1.0	0.31	0.26	0.22
50UMA2R2	2.2	0.31	0.26	0.22
50UMA3R3	3.3	0.35	0.31	0.26
50UMA4R7	4.7	0.39	0.35	0.29
50UMA10	10	0.46	0.41	0.37
50UMA22	22	0.56	0.47	0.42
50UMA33	33	0.74	0.69	0.63

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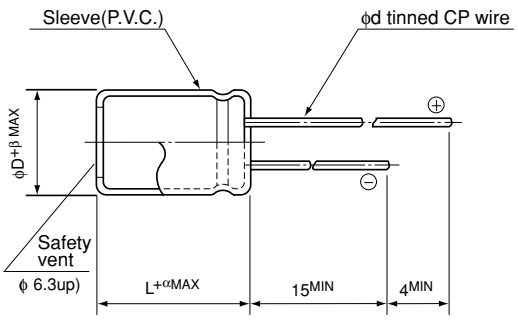
■Specifications

Item	Performance Characteristics
Operating Temperature Range	−40 ~ +85¡C(6.3 ~ 400V), −25 ~ +85¡C(450V)
Voltage Range	6.3 ~ 450V
Capacitance Range	0.1 ~ 22000μF
Capacitance Tolerance	−20% at 120Hz, 20¡C
Leakage Current	Rated voltage(V): 6.3 ~ 100 / 160 ~ 450 φD≦18: After 1 minute's application of rated voltage, not more than 0.03CV or 4 μA ,whichever is greater. After 2 minutes' application of rated voltage, not more than 0.01CV or 3 μA, whichever is greater. / In case of CV ≦1000: After 1 minute's application of rated voltage, not more than 0.1CV+40(μA). In case of CV >1000: After 1 minute's application of rated voltage, not more than 0.04CV+100(μA). φD=20: After 5 minutes' application of rated voltage, not more than $3\sqrt{CV}$ (μA). / After 5 minutes' application of rated voltage, not more than $3\sqrt{CV}$ (μA).
tan δ	For capacitance of more than 1000μF, add 0.02 for every increase of 1000μF. Measurement frequency : 120Hz, Temperature : 20¡C Rated voltage(V): 6.3 / 10 / 16 / 25 / 35 / 50 / 63 ~ 100 / 160 ~ 315 / 350 ~ 450 0.24 / 0.20 / 0.16 / 0.14 / 0.12 / 0.10 / 0.08 / 0.20 / 0.25
Stability at Low Temperature	Measurement frequency : 120Hz Rated voltage(V): 6.3 / 10 / 16 / 25 / 35 ~ 100 / 160 ~ 200 / 250 / 315 ~ 350 / 400 / 450 Impedance ratio Z−25¡C/Z+20¡C: 4 / 3 / 2 / 2 / 2 / 3 / 3 / 6 / 6 / 15 ZT/Z20(MAX.) Z−40¡C/Z+20¡C: 10 / 8 / 6 / 4 / 3 / 4 / 6 / 6 / 6 / —
Load Life	After 2000 hours' application of rated voltage at 85¡C,capacitors meet the characteristics requirements listed at right. Capacitance change: Within −20% of initial value tan δ: 200% or less of initial specified value Leakage current: Initial specified value or less
Shelf Life	After leaving capacitors under no load at 85¡C for 1000 hours, they meet the specified value for load life characteristics listed above.
Marking	Printed with white color letter on purple blue sleeve.
Applicable Standards	JIS C 5141 and JIS C 5102.



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
6R3UVX1	1	6.3	0.19	0.10	0.09
6R3UVX1R5	1.5	6.3	0.19	0.10	0.09
6R3UVX2R2	2.2	6.3	0.19	0.10	0.09
6R3UVX3R3	3.3	6.3	0.19	0.10	0.09
6R3UVX4R7	4.7	6.3	0.19	0.10	0.09
6R3UVX6R8	6.8	6.3	0.19	0.10	0.09
6R3UVX10	10	6.3	0.19	0.10	0.09
6R3UVX15	15	6.3	0.21	0.11	0.10
6R3UVX22	22	6.3	0.21	0.11	0.10
6R3UVX33	33	6.3	0.21	0.11	0.10
6R3UVX47	47	6.3	0.21	0.11	0.10
6R3UVX68	68	6.3	0.25	0.14	0.12
6R3UVX100	100	6.3	0.25	0.14	0.12
6R3UVX150	150	6.3	0.28	0.16	0.13
6R3UVX220	220	6.3	0.28	0.16	0.13
6R3UVX330	330	6.3	0.38	0.21	0.18
6R3UVX470	470	6.3	0.42	0.23	0.24
6R3UVX680	680	6.3	0.72	0.40	0.34
6R3UVX1000	1000	6.3	0.72	0.40	0.34
6R3UVX1500	1500	6.3	0.83	0.51	0.44
6R3UVX2200	2200	6.3	0.83	0.51	0.44
6R3UVX3300	3300	6.3	1.10	0.67	0.58
6R3UVX4700	4700	6.3	1.59	0.89	0.76
6R3UVX6800	6800	6.3	2.40	1.32	1.13
6R3UVX10000	10000	6.3	2.44	2.06	1.84
6R3UVX22000	22000	6.3	4.09	3.71	3.34
6R3UVX33000	33000	6.3	4.91	4.46	4.09

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
10UVX1	1	10	.251	.138	.119
10UVX1R5	1.5	10	.251	.138	.119
10UVX2R2	2.2	10	.251	.138	.119
10UVX3R3	3.3	10	.251	.138	.119
10UVX4R7	4.7	10	.276	.153	.132
10UVX6R8	6.8	10	.276	.153	.132
10UVX10	10	10	.276	.153	.132
10UVX15	15	10	.276	.153	.132
10UVX22	22	10	.276	.153	.132
10UVX33	33	10	.276	.153	.132
10UVX47	47	10	.276	.153	.132
10UVX68	68	10	.327	.180	.156
10UVX100	100	10	.327	.180	.156
10UVX150	150	10	.512	.283	.244
10UVX220	220	10	.512	.283	.244
10UVX330	330	10	.563	.311	.274
10UVX470	470	10	.824	.457	.394
10UVX680	680	10	.958	.530	.457
10UVX1000	1000	10	.958	.530	.457
10UVX1500	1500	10	1.32	.806	.693
10UVX2200	2200	10	1.32	.806	.693
10UVX3300	3300	10	1.89	1.050	.991
10UVX4700	4700	10	2.70	1.490	1.28
10UVX10000	10000	10	3.75	3.140	2.82
16UVXR47	0.47	16	.251	.138	.119
16UVX1	1	16	.251	.138	.119
16UVX1R5	1.5	16	.251	.138	.119
16UVX2R2	2.2	16	.251	.138	.119
16UVX3R3	3.3	16	.251	.138	.119
16UVX4R7	4.7	16	.276	.153	.132
16UVX6R8	6.8	16	.276	.153	.132
16UVX10	10	16	.276	.153	.132
16UVX15	15	16	.276	.153	.132
16UVX22	22	16	.276	.153	.132
16UVX33	33	16	.276	.153	.132
16UVX47	47	16	.276	.153	.132
16UVX68	68	16	.512	.283	.244
16UVX100	100	16	.512	.283	.244
16UVX150	150	16	.563	.323	.304
16UVX220	220	16	.563	.323	.304
16UVX330	330	16	.824	.457	.394
16UVX470	470	16	.958	.530	.457
16UVX500	500	16	.958	.530	.457
16UVX680	680	16	1.32	.806	.693

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OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
16UVX1000	1000	16	0.99	0.61	0.52
16UVX1500	1500	16	1.42	0.79	0.74
16UVX2200	2200	16	1.42	0.79	0.74
16UVX3300	3300	16	2.03	1.12	0.96
16UVX4700	4700	16	2.52	1.39	1.19
16UVX6800	6800	16	2.60	2.36	2.12
16UVX10000	10000	16	2.69	2.40	2.19
16UVX12000	12000	16	3.77	3.54	3.21
16UVX15000	15000	16	4.13	3.77	3.38
16UVX18000	18000	16	4.43	4.07	3.59
16UVX22000	22000	16	4.78	4.36	3.86
16UVX27000	27000	16	5.08	4.75	4.34
16UVX33000	33000	16	5.45	5.16	4.75
25UVXR47	0.47	25	0.19	0.10	0.09
25UVX1	1	25	0.19	0.10	0.09
25UVX1R5	1.5	25	0.19	0.10	0.09
25UVX2R2	2.2	25	0.19	0.10	0.09
25UVX3R3	3.3	25	0.19	0.10	0.09
25UVX4R7	4.7	25	0.21	0.11	0.10
25UVX6R8	6.8	25	0.21	0.11	0.10
25UVX10	10	25	0.21	0.11	0.10
25UVX15	15	25	0.25	0.14	0.12
25UVX22	22	25	0.25	0.14	0.12
25UVX33	33	25	0.25	0.14	0.12
25UVX47	47	25	0.28	0.16	0.13
25UVX68	68	25	0.42	0.23	0.20
25UVX100	100	25	0.42	0.23	0.20
25UVX150	150	25	0.62	0.34	0.30
25UVX220	220	25	0.62	0.34	0.30
25UVX330	330	25	0.72	0.40	0.34
25UVX470	470	25	0.83	0.51	0.44
25UVX680	680	25	1.10	1.09	0.58
25UVX1000	1000	25	1.10	1.35	0.99
25UVX1500	1500	25	2.07	1.35	1.21
25UVX2200	2200	25	2.07	1.84	1.21
25UVX3300	3300	25	2.61	2.42	1.67
25UVX4700	4700	25	3.27	1.80	2.01
25UVX6800	6800	25	3.86	2.69	2.48
25UVX10000	10000	25	5.21	4.07	3.71
25UVX12000	12000	25	5.72	4.94	4.53
25UVX15000	15000	25	6.33	5.75	5.18
25UVX18000	18000	25	6.96	6.32	5.69
25UVX22000	22000	25	7.67	6.96	6.26
35UVX1	1	35	0.19	0.10	0.09
35UVX1R5	1.5	35	0.19	0.10	0.09
35UVX2R2	2.2	35	0.19	0.10	0.09
35UVX3R3	3.3	35	0.19	0.10	0.09
35UVX4R7	4.7	35	0.21	0.11	0.10
35UVX5R6	5.6	35	0.21	0.11	0.10
35UVX6R8	6.8	35	0.21	0.11	0.10
35UVX10	10	35	0.23	0.13	0.12
35UVX15	15	35	0.25	0.14	0.12
35UVX22	22	35	0.25	0.14	0.13
35UVX33	33	35	0.28	0.16	0.15
35UVX47	47	35	0.38	0.21	0.18
35UVX68	68	35	0.42	0.23	0.18
35UVX100	100	35	0.42	0.23	0.18
35UVX150	150	35	0.72	0.40	0.34
35UVX220	220	35	0.72	0.40	0.34
35UVX330	330	35	0.83	0.51	0.44
35UVX470	470	35	0.99	0.60	0.52
35UVX680	680	35	1.42	0.79	0.74
35UVX1000	1000	35	1.42	0.79	0.74
35UVX1500	1500	35	2.39	1.31	1.13
35UVX2200	2200	35	2.39	1.31	1.13
35UVX3300	3300	35	2.97	1.61	1.40
35UVX4700	4700	35	4.20	2.32	1.99
35UVX6800	6800	35	5.16	3.26	2.85
35UVX10000	10000	35	7.49	4.77	4.31
35UVX12000	12000	35	8.40	5.68	5.22
35UVX15000	15000	35	9.40	6.68	6.32

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
50UVXR1	0.1	50	0.19	0.10	0.09
50UVXR15	0.15	50	0.19	0.10	0.09
50UVXR22	0.22	50	0.19	0.10	0.09
50UVXR33	0.33	50	0.19	0.10	0.09
50UVXR47	0.47	50	0.19	0.10	0.09
50UVXR56	0.56	50	0.19	0.10	0.09
50UVXR68	0.68	50	0.19	0.10	0.09
50UVX1	1	50	0.19	0.10	0.09
50UVX1R5	1.5	50	0.19	0.10	0.09
50UVX2R2	2.2	50	0.19	0.10	0.09
50UVX3R3	3.3	50	0.19	0.10	0.09
50UVX4R7	4.7	50	0.21	0.11	0.10
50UVX6R8	6.8	50	0.25	0.14	0.12
50UVX10	10	50	0.25	0.14	0.12
50UVX15	15	50	0.28	0.16	0.13
50UVX22	22	50	0.28	0.16	0.13
50UVX33	33	50	0.38	0.21	0.18
50UVX47	47	50	0.38	0.21	0.18
50UVX68	68	50	0.62	0.34	0.30
50UVX100	100	50	0.62	0.34	0.30
50UVX120	120	50	0.92	0.51	0.44
50UVX150	150	50	0.92	0.51	0.44
50UVX180	180	50	0.92	0.51	0.44
50UVX220	220	50	0.92	0.51	0.44
50UVX270	270	50	1.09	0.60	0.52
50UVX330	330	50	1.09	0.60	0.52
50UVX390	390	50	1.22	0.67	0.58
50UVX470	470	50	1.22	0.67	0.58
50UVX560	560	50	1.97	1.09	0.93
50UVX680	680	50	1.97	1.09	0.93
50UVX820	820	50	1.97	1.09	0.93
50UVX1000	1000	50	1.97	1.09	0.93
50UVX1200	1200	50	3.35	1.85	1.59
50UVX1500	1500	50	3.35	1.85	1.59
50UVX1800	1800	50	3.35	1.85	1.59
50UVX2200	2200	50	3.35	1.85	1.59
50UVX3300	3300	50	3.89	2.15	1.85
50UVX4700	4700	50	6.56	3.62	3.14
50UVX6800	6800	50	6.95	5.41	4.59
50UVX10000	10000	50	7.98	7.49	6.89
63UVXR47	0.47	63	0.20	0.14	0.12
63UVXR68	0.68	63	0.20	0.14	0.12
63UVX1	1	63	0.20	0.14	0.12
63UVX1R5	1.5	63	0.20	0.14	0.12
63UVX2R2	2.2	63	0.20	0.14	0.12
63UVX3R3	3.3	63	0.20	0.14	0.13
63UVX4R7	4.7	63	0.20	0.14	0.13
63UVX6R8	6.8	63	0.20	0.14	0.13
63UVX10	10	63	0.20	0.14	0.13
63UVX15	15	63	0.32	0.21	0.17
63UVX22	22	63	0.32	0.21	0.17
63UVX33	33	63	0.33	0.27	0.22
63UVX47	47	63	0.35	0.28	0.24
63UVX68	68	63	0.51	0.43	0.36
63UVX100	100	63	0.59	0.52	0.42
63UVX120	120	63	0.76	0.62	0.52
63UVX150	150	63	0.76	0.62	0.52
63UVX180	180	63	0.90	0.74	0.63
63UVX220	220	63	0.90	0.74	0.63
63UVX270	270	63	1.13	1.09	0.86
63UVX330	330	63	1.13	1.09	0.86
63UVX390	390	63	1.29	1.26	1.19
63UVX470	470	63	1.29	1.26	1.19
63UVX560	560	63	2.04	1.88	1.51
63UVX680	680	63	2.04	1.88	1.51
63UVX820	820	63	2.04	1.88	1.51
63UVX1000	1000	63	2.04	1.88	1.51
63UVX1500	1500	63	3.05	2.33	1.83

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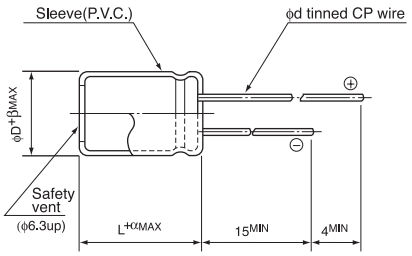
OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
63UVX1800	1800	63	3.05	2.33	1.83
63UVX2200	2200	63	3.05	2.33	1.83
63UVX3300	3300	63	5.36	3.86	2.69
63UVX4700	4700	63	7.92	4.69	3.74
63UVX6800	6800	63	8.46	5.49	4.50
80UVX1	1	80	0.29	0.16	0.14
80UVX1R5	1.5	80	0.29	0.16	0.14
80UVX2R2	2.2	80	0.29	0.16	0.14
80UVX3R3	3.3	80	0.30	0.18	0.16
80UVX4R7	4.7	80	0.30	0.18	0.16
80UVX6R8	6.8	80	0.32	0.20	0.16
80UVX10	10	80	0.32	0.20	0.16
80UVX15	15	80	0.33	0.24	0.19
80UVX22	22	80	0.38	0.32	0.25
80UVX33	33	80	0.38	0.32	0.25
80UVX47	47	80	0.43	0.33	0.27
80UVX68	68	80	0.52	0.50	0.41
80UVX100	100	80	0.61	0.60	0.49
80UVX150	150	80	1.19	0.71	0.61
80UVX220	220	80	1.19	0.71	0.61
80UVX330	330	80	2.06	1.25	1.00
80UVX470	470	80	2.17	1.46	1.37
80UVX680	680	80	3.14	2.18	1.74
80UVX1000	1000	80	4.06	3.31	2.63
80UVX1500	1500	80	4.06	3.31	2.63
80UVX2200	2200	80	5.38	5.09	3.94
100UVXR1	0.1	100	0.29	0.16	0.14
100UVXR15	0.15	100	0.29	0.16	0.14
100UVXR22	0.22	100	0.29	0.16	0.14
100UVXR33	0.33	100	0.29	0.16	0.14
100UVXR47	0.47	100	0.29	0.16	0.14
100UVXR68	0.68	100	0.29	0.16	0.14
100UVX1	1	100	0.29	0.16	0.14
100UVX1R5	1.5	100	0.30	0.18	0.16
100UVX2R2	2.2	100	0.30	0.18	0.16
100UVX3R3	3.3	100	0.32	0.20	0.16
100UVX4R7	4.7	100	0.32	0.20	0.16
100UVX6R8	6.8	100	0.33	0.22	0.19
100UVX10	10	100	0.33	0.22	0.19
100UVX15	15	100	0.38	0.28	0.23
100UVX22	22	100	0.38	0.28	0.23
100UVX33	33	100	0.50	0.41	0.34
100UVX47	47	100	0.61	0.52	0.42
100UVX68	68	100	0.96	0.77	0.61
100UVX100	100	100	0.96	0.77	0.61
100UVX150	150	100	1.48	1.25	1.00
100UVX220	220	100	1.48	1.25	1.00
100UVX330	330	100	1.67	1.60	1.23
100UVX470	470	100	2.41	1.91	1.58
100UVX680	680	100	3.12	2.56	2.06
100UVX1000	1000	100	5.62	3.46	2.77
100UVX1500	1500	100	6.18	3.80	3.05
100UVX2200	2200	100	9.14	5.70	4.34
100UVX3300	3300	100	11.06	7.61	6.24
160UVXR47	0.47	160	0.33	0.30	0.26
160UVX1	1	160	0.33	0.30	0.26
160UVX2R2	2.2	160	0.33	0.30	0.26
160UVX2R7	2.7	160	0.33	0.30	0.26
160UVX3R3	3.3	160	0.33	0.30	0.26
160UVX4R7	4.7	160	0.33	0.30	0.26
160UVX6R8	6.8	160	0.38	0.35	0.31
160UVX10	10	160	0.38	0.35	0.31
160UVX15	15	160	0.38	0.35	0.31
160UVX22	22	160	0.40	0.36	0.32
160UVX33	33	160	0.41	0.38	0.34
160UVX47	47	160	0.46	0.41	0.35
160UVX68	68	160	0.82	0.74	0.68
160UVX100	100	160	1.09	0.99	0.90
160UVX150	150	160	1.24	1.09	0.98

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
160UVX220	220	160	2.06	1.91	1.69
160UVX330	330	160	2.36	2.21	1.99
160UVX390	390	160	2.59	2.44	2.21
160UVX470	470	160	3.56	3.41	3.04
160UVX560	560	160	4.58	4.33	4.08
160UVX680	680	160	5.16	4.91	4.66
160UVX820	820	160	5.57	5.16	4.91
200UVXR47	0.47	200	0.40	0.37	0.32
200UVX4R7	4.7	200	0.40	0.37	0.32
200UVX10	10	200	0.45	0.41	0.37
200UVX22	22	200	0.47	0.43	0.39
200UVX33	33	200	0.50	0.45	0.41
200UVX47	47	200	0.54	0.50	0.45
200UVX100	100	200	1.41	1.32	1.23
200UVX120	120	200	2.56	2.27	2.10
200UVX220	220	200	2.81	2.50	2.32
200UVX270	270	200	2.99	2.72	2.59
200UVX330	330	200	3.14	2.95	2.86
200UVX390	390	200	4.31	4.13	3.68
200UVX470	470	200	5.04	4.77	4.50
200UVX560	560	200	5.68	5.40	5.13
200UVX680	680	200	6.13	5.68	5.40
250UVXR47	0.47	250	0.41	0.38	0.33
250UVX1	1	250	0.41	0.38	0.33
250UVX2R2	2.2	250	0.41	0.38	0.33
250UVX3R3	3.3	250	0.41	0.38	0.33
250UVX4R7	4.7	250	0.41	0.38	0.33
250UVX6R8	6.8	250	0.46	0.42	0.38
250UVX10	10	250	0.46	0.42	0.38
250UVX15	15	250	0.47	0.44	0.40
250UVX22	22	250	0.47	0.44	0.40
250UVX33	33	250	0.49	0.45	0.41
250UVX47	47	250	0.64	0.53	0.49
250UVX100	100	250	1.40	1.28	1.17
250UVX150	150	250	2.06	1.94	1.82
250UVX220	220	250	2.56	2.43	2.35
250UVX270	270	250	3.41	3.27	3.18
250UVX330	330	250	3.95	3.81	3.72
250UVX390	390	250	4.77	4.63	4.50
250UVX470	470	250	5.54	4.67	4.51
250UVX560	560	250	7.22	6.81	6.67
250UVX680	680	250	8.89	8.29	8.13
350UVXR47	.47	350	0.55	0.50	0.43
350UVX1	1	350	0.55	0.50	0.43
350UVX2R2	2.2	350	0.55	0.50	0.43
350UVX3R3	3.3	350	0.55	0.50	0.43
350UVX4R7	4.7	350	0.55	0.54	0.43
350UVX10	10	350	0.60	0.54	0.48
350UVX15	15	350	0.64	0.60	0.53
350UVX22	22	350	0.64	0.60	0.53
350UVX33	33	350	0.87	0.79	0.74
350UVX47	47	350	0.96	0.87	0.83
350UVX100	100	350	3.59	2.99	2.84
350UVX150	150	350	5.07	4.63	4.30
350UVX220	220	350	5.39	5.17	4.84
350UVX270	270	350	5.72	5.39	5.07
350UVX330	330	350	6.28	5.86	5.59
450UVX1	1	450	0.63	0.58	0.54
450UVX2R2	2.2	450	0.63	0.58	0.54
450UVX3R3	3.3	450	0.63	0.58	0.54
450UVX4R7	4.7	450	0.63	0.58	0.54
450UVX10	10	450	0.68	0.62	0.56
450UVX15	15	450	0.72	0.66	0.61
450UVX22	22	450	0.72	0.66	0.61
450UVX33	33	450	0.95	0.87	0.83
450UVX47	47	450	2.69	2.44	2.27
450UVX100	100	450	5.21	4.33	4.12
450UVX150	150	450	5.57	5.09	4.73
450UVX220	220	450	6.58	6.31	5.95

UVZ High Temperature Radial 105∞c



■Specifications

Item	Performance Characteristics
Operating Temperature Range	—55 ~ +105°C(6.3 ~ 100V), —40 ~ +105°C(160 ~ 400V), —25~+105°C(450V)
Voltage Range	6.3 ~ 450V
Capacitance Range	0.1 ~ 33000 F
Capacitance Tolerance	±20% at 120Hz, 20°C
Leakage Current	Rated voltage(V) | 6.3 ~ 100: After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4(A),whichever is greater. After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3(A), whichever is greater. | 160 ~ 450: After 1 minute's application of rated voltage, CV ≤1000: =0.1CV+40 A or less. After 1 minute's application of rated voltage, CV >1000: =0.04CV+100(A)or less
tan	For capacitance of more than 1000 F, add 0.02 for every increase of 1000 F. Measurement frequency : 120Hz, Temperature : 20°C

Rated voltage(V)	6.3	10	16	25	35	50	63	100	160 ~ 315	350 ~ 450
	0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.20	0.25

Stability at Low Temperature — Measurement frequency : 120Hz

Rated voltage(V)		6.3	10	16	25	35	50	63	100	160 ~ 200	250 ~ 350	400	450
Impedance ratio ZT/Z20(MAX.)	Z—25°C/Z+20°C	5	4	3	2	2	2	2	2	3	4	6	15
	Z—40°C/Z+20°C	10	8	6	4	3	3	3	3	4	8	10	—

Load Life: After 1000 hours' application of rated voltage at 105°C, capacitors meet the characteristics requirements listed at right.

Capacitance change	Within ±20% of initial value
tan	200% or less of initial specified value
Leakage current	Initial specified value or less

Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for load life characteristics listed above.
Marking	Printed with white color letter on black sleeve.
Applicable Standards	JIS C 5141 and JIS C 5102.

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
16UVZ10	10	16	0.24	0.22	0.20
16UVZ22	22	16	0.24	0.22	0.20
16UVZ33	33	16	0.24	0.22	0.20
16UVZ47	47	16	0.25	0.23	0.21
16UVZ100	100	16	0.34	0.31	0.28
16UVZ220	220	16	0.39	0.35	0.32
16UVZ330	330	16	0.55	0.50	0.45
16UVZ470	470	16	0.63	0.58	0.52
16UVZ1000	1000	16	0.97	0.88	0.80
16UVZ2200	2200	16	1.38	1.26	1.14
16UVZ3300	3300	16	2.04	1.84	1.68
16UVZ4700	4700	16	2.59	2.29	2.14
25UVZ4R7	4.7	25	0.24	0.22	0.20
25UVZ10	10	25	0.24	0.22	0.20
25UVZ22	22	25	0.24	0.22	0.20
25UVZ33	33	25	0.24	0.22	0.20
25UVZ47	47	25	0.25	0.23	0.21
25UVZ100	100	25	0.37	0.34	0.31
25UVZ150	150	25	0.50	0.46	0.42
25UVZ220	220	25	0.55	0.50	0.45
25UVZ330	330	25	0.63	0.58	0.53
25UVZ470	470	25	0.81	0.74	0.67
25UVZ1000	1000	25	1.08	0.98	0.89
25UVZ2200	2200	25	1.59	1.41	1.23
25UVZ3300	3300	25	2.41	2.23	2.05
25UVZ4700	4700	25	2.74	2.40	2.29
35UVZ10	10	35	0.24	0.22	0.20
35UVZ22	22	35	0.24	0.22	0.20
35UVZ33	33	35	0.24	0.22	0.20
35UVZ47	47	35	0.27	0.25	0.22
35UVZ100	100	35	0.39	0.35	0.32
35UVZ220	220	35	0.57	0.52	0.47
35UVZ330	330	35	0.67	0.61	0.55
35UVZ470	470	35	0.83	0.76	0.69
35UVZ1000	1000	35	1.09	0.99	0.90
35UVZ1500	1500	35	2.14	1.85	1.68
35UVZ2200	2200	35	2.35	2.04	1.85
35UVZ3300	3300	35	2.81	2.51	2.21
35UVZ4700	4700	35	3.19	2.89	2.66
35UVZ6800	6800	35	3.71	3.49	3.19
50UVZR47	0.47	50	0.21	0.20	0.18
50UVZ1	1	50	0.21	0.20	0.18
50UVZ2R2	2.2	50	0.21	0.20	0.18
50UVZ3R3	3.3	50	0.21	0.20	0.18
50UVZ4R7	4.7	50	0.24	0.22	0.20
50UVZ10	10	50	0.26	0.24	0.21
50UVZ22	22	50	0.28	0.26	0.23
50UVZ33	33	50	0.31	0.29	0.26
50UVZ47	47	50	0.36	0.33	0.30
50UVZ100	100	50	0.47	0.43	0.39
50UVZ220	220	50	0.69	0.62	0.57
50UVZ330	330	50	0.75	0.68	0.62
50UVZ470	470	50	0.94	0.85	0.78
50UVZ680	680	50	1.37	1.25	1.13
50UVZ1000	1000	50	1.64	1.43	1.32
50UVZ2200	2200	50	2.23	2.05	1.96
50UVZ3300	3300	50	3.49	2.81	2.44
50UVZ4700	4700	50	3.71	3.34	2.89

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
63UVZ4R7	4.7	63	0.31	0.28	0.26
63UVZ10	10	63	0.33	0.30	0.28
63UVZ22	22	63	0.38	0.35	0.32
63UVZ33	33	63	0.47	0.42	0.38
63UVZ47	47	63	0.48	0.43	0.40
63UVZ100	100	63	0.78	0.72	0.66
63UVZ220	220	63	0.87	0.82	0.75
63UVZ330	330	63	1.54	1.36	1.27
63UVZ470	470	63	1.77	1.62	1.52
63UVZ1000	1000	63	2.68	2.50	2.32
160UVZ1	1	160	0.53	0.47	0.43
160UVZ2R2	2.2	160	0.53	0.47	0.43
160UVZ3R3	3.3	160	0.53	0.47	0.43
160UVZ4R7	4.7	160	0.53	0.47	0.43
160UVZ10	10	160	0.59	0.54	0.49
160UVZ22	22	160	0.62	0.56	0.52
160UVZ33	33	160	0.64	0.59	0.54
160UVZ47	47	160	0.80	0.74	0.70
160UVZ100	100	160	1.64	1.56	1.45
250UVZ1	1	250	0.64	0.59	0.54
250UVZ2R2	2.2	250	0.64	0.59	0.54
250UVZ3R3	3.3	250	0.64	0.59	0.54
250UVZ4R7	4.7	250	0.64	0.59	0.54
250UVZ10	10	250	0.71	0.65	0.61
250UVZ22	22	250	0.78	0.69	0.63
250UVZ33	33	250	0.82	0.71	0.65
250UVZ47	47	250	0.96	0.89	0.85
250UVZ100	100	250	1.96	1.86	1.77
250UVZ220	220	250	3.08	2.81	2.59
350UVZR47	0.47	350	0.73	0.69	0.64
350UVZ1	1	350	0.73	0.69	0.64
350UVZ2R2	2.2	350	0.73	0.69	0.64
350UVZ3R3	3.3	350	0.73	0.69	0.64
350UVZ4R7	4.7	350	0.73	0.69	0.64
350UVZ10	10	350	0.87	0.84	0.80
350UVZ22	22	350	1.18	1.05	1.00
350UVZ33	33	350	1.23	1.17	1.11
350UVZ47	47	350	1.74	1.53	1.41
350UVZ100	100	350	4.18	3.98	3.77
450UVZ1	1	450	0.88	0.81	0.74
450UVZ2R2	2.2	450	0.88	0.81	0.74
450UVZ3R3	3.3	450	0.88	0.81	0.74
450UVZ4R7	4.7	450	0.88	0.81	0.74
450UVZ10	10	450	1.54	1.32	1.18
450UVZ22	22	450	2.18	1.81	1.74
450UVZ33	33	450	2.44	2.17	2.05
450UVZ47	47	450	3.27	2.81	2.68

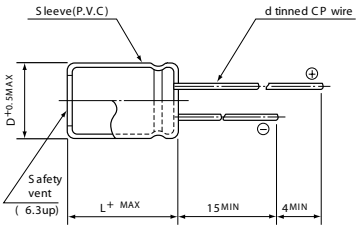
High Temperature Radial Electrolytic Capacitors (Low ESR) 105°c

UPL

High Temperature Radial 105∞ □ For Power Supply Use
Extremely Low Impedance - High Reliability □ Vey Low ESR

■Specifications

Item	Performance Characteristics
Operating Temperature Range	–55 ~ +105°C
Voltage Range	6.3 ~ 63V
Capacitance Range	0.47 ~ 15000 F
Capacitance Tolerance	±20% at 120Hz, 20°C
Leakage Current	After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4 A, whichever is greater.
tan	For capacitance of more than 1000 F, add 0.02 for every increase of 1000 F. Measurement frequency : 120Hz, Temperature : 20°C Rated voltage(V) 6.3 10 16 25 35 50 63 tan (MAX.) 0.22 0.19 0.16 0.14 0.12 0.10 0.08
Stability at Low Temperature	Measurement frequency : 120Hz Rated voltage(V) 6.3 10 16 25 35 50 63 Impedance ratio ZT/Z20(MAX.) Z–55°C/Z+20°C 4 4 3 3 3 2 2
Load Life	After an application of D.C. bias voltage plus the rated ripple current for 5000 hours (2000 hours for D=5 and 6.3, 3000 hours for D=8) at 105°C the peak voltage shall not exceed the rated D.C. voltage, the capacitors meet the characteristic requirements shown on the right. Capacitance change: Within ±20% of initial value tan: 200% or less of initial specified value Leakage current: Initial specified value or less
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for load life characteristics listed above. The value of tan is, however, 150% or less of initial specified value.
Marking	Printed with white color letter on dark brown sleeve.
Applicable Standards	JIS C 5141 and JIS C 5102.



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
6R3UPL471	470	6.3	0.50	0.44	0.40
6R3UPL561	560	6.3	0.57	0.53	0.48
6R3UPL681	680	6.3	0.57	0.53	0.48
6R3UPL821	820	6.3	0.96	0.88	0.81
6R3UPL102	1000	6.3	0.96	0.88	0.81
6R3UPL122	1200	6.3	1.04	0.97	0.89
6R3UPL152	1500	6.3	1.04	0.97	0.89
6R3UPL182	1800	6.3	1.18	1.06	0.96
6R3UPL222	2200	6.3	1.18	1.06	0.96
6R3UPL272	2700	6.3	1.34	1.25	1.12
6R3UPL332	3300	6.3	1.68	1.63	1.44
6R3UPL392	3900	6.3	2.27	2.00	1.86
6R3UPL472	4700	6.3	2.27	2.00	1.86
6R3UPL562	5600	6.3	2.43	2.17	2.02
6R3UPL682	6800	6.3	2.68	2.38	2.23
10UPL471	470	10	0.58	0.52	0.48
10UPL681	680	10	0.65	0.61	0.56
10UPL102	1000	10	0.87	0.80	0.81
10UPL152	1500	10	1.04	0.97	0.89
10UPL222	2200	10	1.26	1.15	1.04
16UPL221	220	16	0.58	0.53	0.49
16UPL271	270	16	0.58	0.53	0.49
16UPL331	330	16	0.58	0.53	0.49
16UPL391	390	16	0.66	0.61	0.56
16UPL471	470	16	0.66	0.61	0.56
16UPL561	560	16	0.73	0.69	0.64
16UPL681	680	16	0.73	0.69	0.64
16UPL821	820	16	0.87	0.80	0.81
16UPL102	1000	16	0.87	0.80	0.81
16UPL122	1200	16	1.04	0.97	0.89
16UPL152	1500	16	1.12	1.05	0.97
16UPL182	1800	16	1.34	1.23	1.12
16UPL222	2200	16	1.34	1.23	1.12
16UPL332	3300	16	1.96	1.77	1.61
16UPL392	3900	16	2.43	2.17	2.02
16UPL472	4700	16	2.43	2.17	2.02
25UPL820	82	25	0.42	0.39	0.36
25UPL101	100	25	0.42	0.39	0.36
25UPL151	150	25	0.42	0.39	0.36
25UPL221	220	25	0.57	0.53	0.47
25UPL271	270	25	0.65	0.61	0.55
25UPL331	330	25	0.65	0.61	0.55
25UPL391	390	25	0.82	0.76	0.69
25UPL471	470	25	0.82	0.76	0.69
25UPL561	560	25	0.90	0.84	0.78
25UPL681	680	25	0.90	0.84	0.78
25UPL821	820	25	1.06	0.97	0.89
25UPL102	1000	25	1.06	0.97	0.89
25UPL122	1200	25	1.15	1.06	0.97
25UPL152	1500	25	1.23	1.14	1.06
25UPL182	1800	25	1.53	1.36	1.20
25UPL221	2200	25	1.53	1.36	1.20
25UPL272	2700	25	2.27	2.10	1.94
25UPL332	3300	25	2.27	2.10	1.94
25UPL392	3900	25	2.60	2.27	2.10
25UPL472	4700	160	2.60	2.27	2.10

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
35UPL101	100	35	0.44	0.40	0.37
35UPL121	120	35	0.52	0.47	0.43
35UPL151	150	35	0.52	0.47	0.43
35UPL181	180	35	0.58	0.55	0.51
35UPL221	220	35	0.60	0.55	0.51
35UPL271	270	35	0.69	0.64	0.59
35UPL331	330	35	0.69	0.64	0.59
35UPL391	390	35	0.84	0.78	0.78
35UPL471	470	35	0.84	0.78	0.78
35UPL561	560	35	1.01	0.86	0.79
35UPL681	680	35	1.01	0.86	0.79
35UPL821	820	35	1.16	1.06	0.98
35UPL102	1000	35	1.16	1.06	0.98
35UPL122	1200	35	1.32	1.23	1.15
35UPL152	1500	35	1.53	1.39	1.22
35UPL182	1800	35	2.02	1.77	1.61
35UPL222	2200	35	2.02	1.77	1.61
35UPL272	2700	35	2.35	2.19	2.02
35UPL332	3300	35	2.35	2.19	2.02
50UPL470	47	50	0.41	0.38	0.35
50UPL680	68	50	0.41	0.38	0.35
50UPL820	82	50	0.51	0.47	0.44
50UPL101	100	50	0.51	0.47	0.44
50UPL121	120	50	0.60	0.55	0.51
50UPL151	150	50	0.60	0.55	0.51
50UPL181	180	50	0.71	0.65	0.60
50UPL221	220	50	0.71	0.65	0.60
50UPL271	270	50	0.77	0.71	0.65
50UPL331	330	50	0.77	0.71	0.65
50UPL391	390	50	0.94	0.86	0.79
50UPL471	470	50	0.94	0.86	0.79
50UPL561	560	50	1.34	1.22	1.11
50UPL681	680	50	1.34	1.22	1.11
50UPL821	820	50	1.58	1.39	1.28
50UPL102	1000	50	1.58	1.39	1.28
50UPL122	1200	50	1.75	1.55	1.44
50UPL152	1500	50	1.75	1.55	1.44
50UPL182	1800	50	2.19	1.86	1.77
50UPL222	2200	50	2.19	1.86	1.77
63UPL100	10	63	0.39	0.36	0.34
63UPL150	15	63	0.39	0.36	0.34
63UPL220	22	63	0.44	0.40	0.38
63UPL270	27	63	0.44	0.40	0.38
63UPL330	33	63	0.51	0.47	0.44
63UPL390	39	63	0.51	0.47	0.44
63UPL470	47	63	0.53	0.49	0.45
63UPL560	56	63	0.56	0.54	0.50
63UPL680	68	63	0.56	0.54	0.50
63UPL820	82	63	0.59	0.80	0.54
63UPL101	100	63	0.79	0.73	0.68
63UPL121	120	63	0.79	0.73	0.68
63UPL151	150	63	0.87	0.82	0.77
63UPL181	180	63	0.87	0.82	0.77
63UPL221	220	63	0.87	0.82	0.77
63UPL271	270	63	1.32	1.03	0.95
63UPL331	330	63	1.49	1.32	1.24
63UPL391	390	63	1.69	1.55	1.47
63UPL471	470	63	1.69	1.55	1.47

TVX Standard General Purpose Axial 85∞c

■Specifications

Item	Performance Characteristics
Operating Temperature Range	—40 ~ +85°C(6.3 ~ 250V), —25 ~ +85°C(315 ~ 450V)
Voltage Range	6.3 ~ 450V
Capacitance Range	0.47 ~ 10000 F
Capacitance Tolerance	±20% at 120Hz, 20°C
Leakage Current	Rated voltage(V): 6.3 ~ 100 — Leakage current: After 1 minute's application of rated voltage, not more than 0.03CV or 4(A), whichever is greater. After 2 minutes' application of rated voltage, not more than 0.01CV or 3(A), whichever is greater. / 160 ~ 450 — In case of CV ≤ 1000: After 1 minute's application of rated voltage, not more than 0.1CV+40(A). In case of CV > 1000: After 1 minute's application of rated voltage, not more than 0.04CV+100(A).
tan	For capacitance of more than 1000 F, add 0.02 for every increase of 1000 F. Measurement frequency : 120Hz, Temperature : 20°C

Rated voltage(V)	6.3	10	16	25	35	50	63 ~ 100	160 ~ 315	350 ~ 450
tan (MAX.)	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.20	0.25

Stability at Low Temperature — Measurement frequency : 120Hz

Rated voltage(V)		6.3	10	16	25	35 ~ 100	160 ~ 250	315 · 350	400 · 450
Impedance ratio ZT/Z20(MAX.)	Z–25°C/Z+20°C	4	3	2	2	2	4	6	15
	Z–40°C/Z+20°C	10	8	6	4	3	12	—	—

Load Life — After 2000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right.

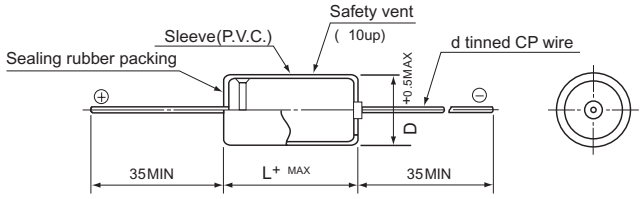
Capacitance change	Within ±20% of initial value
tan	200% or less of initial specified value
Leakage current	Initial specified value or less

Shelf Life — After leaving capacitors under no load at 85°C for 1000 hours, they meet the requirements at right.

Capacitance change	Within ±20% of initial value
tan	200% or less of initial specified value
Leakage current	Initial specified value or less

Marking	Printed with white color letter on purple blue sleeve.
Applicable Standards	JIS C 5141 and JIS C 5102.

■Axial Lead Type



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
6R3TVX15	15	6.3	0.30	0.17	0.14
6R3TVX22	22	6.3	0.30	0.17	0.14
6R3TVX33	33	6.3	0.30	0.17	0.14
6R3TVX47	47	6.3	0.30	0.17	0.14
6R3TVX68	68	6.3	0.34	0.19	0.16
6R3TVX100	100	6.3	0.34	0.19	0.16
6R3TVX150	150	6.3	0.34	0.19	0.16
6R3TVX220	220	6.3	0.34	0.19	0.16
6R3TVX330	330	6.3	0.40	0.22	0.19
6R3TVX470	470	6.3	0.40	0.22	0.19
6R3TVX680	680	6.3	0.64	0.35	0.30
6R3TVX1000	1000	6.3	0.64	0.35	0.30
6R3TVX1500	1500	6.3	0.91	0.55	0.47
6R3TVX2200	2200	6.3	0.91	0.55	0.47
6R3TVX3300	3300	6.3	1.13	0.69	0.59
6R3TVX4700	4700	6.3	1.80	0.99	0.85
6R3TVX10000	10000	6.3	1.94	1.70	1.52
6R3TVX47000	47000	6.3	5.70	5.40	5.10
10TVX10	10	10	0.30	0.17	0.14
10TVX15	15	10	0.30	0.17	0.14
10TVX22	22	10	0.30	0.17	0.14
10TVX33	33	10	0.30	0.17	0.14
10TVX47	47	10	0.30	0.17	0.14
10TVX68	68	10	0.34	0.19	0.16
10TVX100	100	10	0.34	0.19	0.16
10TVX150	150	10	0.40	0.22	0.18
10TVX220	220	10	0.40	0.22	0.18
10TVX330	330	10	0.45	0.26	0.22
10TVX470	470	10	0.45	0.26	0.22
10TVX680	680	10	0.64	0.35	0.30
10TVX1000	1000	10	0.64	0.35	0.30
10TVX1300	1300	10	1.13	0.69	0.59
10TVX1500	1500	10	1.13	0.69	0.59
10TVX2200	2200	10	1.13	0.69	0.59
10TVX3300	3300	10	1.42	0.79	0.75
10TVX4700	4700	10	2.06	1.14	0.98
10TVX6800	6800	10	2.54	2.03	1.88
10TVX10000	10000	10	2.74	2.21	1.99

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
16TVX10	10	16	0.30	0.17	0.14
16TVX15	15	16	0.30	0.17	0.14
16TVX22	22	16	0.30	0.17	0.14
16TVX33	33	16	0.31	0.17	0.15
16TVX47	47	16	0.34	0.18	0.16
16TVX68	68	16	0.34	0.25	0.22
16TVX100	100	16	0.34	0.25	0.22
16TVX150	150	16	0.40	0.35	0.30
16TVX220	220	16	0.40	0.35	0.30
16TVX330	330	16	0.53	0.38	0.34
16TVX470	470	16	0.53	0.38	0.34
16TVX680	680	16	0.91	0.62	0.53
16TVX1000	1000	16	0.91	0.62	0.53
16TVX1500	1500	16	1.30	0.84	0.80
16TVX2200	2200	16	1.30	0.84	0.80
16TVX3300	3300	16	2.03	1.12	0.95
16TVX4700	4700	16	2.52	1.43	1.23
16TVX6800	6800	16	2.61	2.30	2.05
16TVX10000	10000	16	2.69	2.44	2.19
16TVX15000	15000	16	3.45	3.14	2.81
16TVX22000	22000	16	4.79	4.36	4.02
25TVX1	1	25	0.30	0.17	0.14
25TVX1R5	1.5	25	0.30	0.17	0.14
25TVX2R2	2.2	25	0.30	0.17	0.14
25TVX3R3	3.3	25	0.30	0.17	0.14
25TVX4R7	4.7	25	0.30	0.17	0.14
25TVX6R8	6.8	25	0.30	0.17	0.14
25TVX10	10	25	0.30	0.17	0.14
25TVX15	15	25	0.30	0.17	0.14
25TVX22	22	25	0.31	0.17	0.15
25TVX33	33	25	0.34	0.18	0.16
25TVX47	47	25	0.34	0.19	0.16
25TVX68	68	25	0.40	0.25	0.22
25TVX100	100	25	0.40	0.25	0.22
25TVX150	150	25	0.45	0.35	0.30
25TVX220	220	25	0.45	0.35	0.30
25TVX330	330	25	0.64	0.53	0.45
25TVX470	470	25	0.64	0.53	0.45
25TVX680	680	25	1.13	0.69	0.59
25TVX1000	1000	25	1.13	0.69	0.59
25TVX1500	1500	25	2.06	1.20	1.12
25TVX2200	2200	25	2.06	1.20	1.12
25TVX2500	2500	25	2.61	1.43	1.23
25TVX3300	3300	25	2.61	1.43	1.23
25TVX4700	4700	25	2.99	1.65	1.42
25TVX5000	5000	25	3.51	2.02	1.77
25TVX6800	6800	25	3.61	2.71	2.30
25TVX10000	10000	25	3.86	3.09	2.81
25TVX15000	15000	25	4.79	4.36	3.92

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OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
35TVX1	1	35	0.30	0.17	0.14
35TVX1R5	1.5	35	0.30	0.17	0.14
35TVX2R2	2.2	35	0.30	0.17	0.14
35TVX3R3	3.3	35	0.30	0.17	0.14
35TVX4R7	4.7	35	0.30	0.17	0.14
35TVX6R8	6.8	35	0.30	0.17	0.14
35TVX10	10	35	0.30	0.17	0.14
35TVX15	15	35	0.34	0.18	0.16
35TVX22	22	35	0.34	0.18	0.16
35TVX33	33	35	0.40	0.22	0.19
35TVX47	47	35	0.40	0.22	0.19
35TVX68	68	35	0.53	0.29	0.26
35TVX100	100	35	0.53	0.29	0.26
35TVX150	150	35	0.64	0.41	0.35
35TVX220	220	35	0.64	0.41	0.35
35TVX330	330	35	0.67	0.52	0.45
35TVX470	470	35	0.91	0.61	0.54
35TVX680	680	35	1.30	0.80	0.77
35TVX1000	1000	35	1.30	0.80	0.77
35TVX1500	1500	35	2.48	1.37	1.16
35TVX2200	2200	35	2.48	1.37	1.16
35TVX2500	2500	35	2.99	1.65	1.42
35TVX3300	3300	35	2.99	1.65	1.42
35TVX4700	4700	35	4.12	2.13	1.82
35TVX5000	5000	35	4.62	2.60	2.43
35TVX6800	6800	35	4.62	3.41	2.95
35TVX8000	8000	35	4.62	3.41	2.71
35TVX10000	10000	35	5.24	4.36	3.92
50TVXR47	.47	50	0.33	0.18	0.16
50TVXR66	.66	50	0.33	0.18	0.16
50TVX1	1	50	0.33	0.18	0.16
50TVX1R5	1.5	50	0.33	0.18	0.16
50TVX2R2	2.2	50	0.33	0.18	0.16
50TVX3R3	3.3	50	0.33	0.18	0.16
50TVX4R7	4.7	50	0.33	0.18	0.16
50TVX6R8	6.8	50	0.37	0.20	0.18
50TVX10	10	50	0.37	0.20	0.18
50TVX15	15	50	0.37	0.21	0.18
50TVX22	22	50	0.37	0.21	0.18
50TVX33	33	50	0.40	0.25	0.22
50TVX47	47	50	0.50	0.28	0.24
50TVX50	50	50	0.58	0.40	0.33
50TVX68	68	50	0.58	0.40	0.33
50TVX100	100	50	0.58	0.40	0.33
50TVX150	150	50	0.73	0.58	0.48
50TVX220	220	50	0.73	0.58	0.48
50TVX330	330	50	0.91	0.68	0.58
50TVX470	470	50	1.13	0.76	0.65
50TVX500	500	50	1.80	1.09	0.95
50TVX680	680	50	1.80	1.09	0.95
50TVX1000	1000	50	1.80	1.09	0.95
50TVX1200	1200	50	3.47	1.91	1.64
50TVX1500	1500	50	3.47	1.91	1.64
50TVX2200	2200	50	3.47	1.91	1.64
50TVX2500	2500	50	4.28	2.36	2.03
50TVX3300	3300	50	4.28	2.36	2.03
50TVX4700	4700	50	6.24	3.41	2.95
50TVX5000	5000	50	6.31	3.59	3.26
50TVX6800	6800	50	6.59	5.40	4.64

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
63TVXR47	.47	63	0.26	0.18	0.16
63TVXR68	68	63	0.26	0.18	0.16
63TVX1	1	63	0.26	0.18	0.16
63TVX1R5	1.5	63	0.26	0.18	0.16
63TVX2R2	2.2	63	0.26	0.18	0.16
63TVX3R3	3.3	63	0.26	0.18	0.16
63TVX4R7	4.7	63	0.26	0.18	0.16
63TVX6R8	6.8	63	0.27	0.23	0.19
63TVX10	10	63	0.33	0.28	0.22
63TVX15	15	63	0.33	0.28	0.22
63TVX22	22	63	0.33	0.28	0.22
63TVX33	33	63	0.32	0.31	0.26
63TVX47	47	63	0.32	0.31	0.26
63TVX68	68	63	0.53	0.48	0.39
63TVX100	100	63	0.58	0.57	0.47
63TVX150	150	63	0.72	0.62	0.52
63TVX220	220	63	0.82	0.62	0.52
63TVX330	330	63	1.27	1.09	0.86
63TVX470	470	63	1.39	1.26	1.19
63TVX680	680	63	2.04	1.88	1.51
63TVX1000	1000	63	2.37	1.88	1.51
63TVX1500	1500	63	3.15	2.12	1.67
63TVX2200	2200	63	4.00	2.33	1.83
63TVX3300	3300	63	5.67	3.86	2.68
63TVX4700	4700	63	7.92	4.69	3.75
80TVX1	1	80	0.35	0.19	0.17
80TVX1R5	1.5	80	0.35	0.19	0.17
80TVX2R2	2.2	80	0.35	0.19	0.17
80TVX3R3	3.3	80	0.36	0.22	0.19
80TVX4R7	4.7	80	0.43	0.27	0.22
80TVX6R8	6.8	80	0.46	0.28	0.24
80TVX10	10	80	0.46	0.28	0.24
80TVX15	15	80	0.47	0.30	0.27
80TVX22	22	80	0.47	0.30	0.27
80TVX33	33	80	0.55	0.38	0.29
80TVX47	47	80	0.55	0.38	0.29
80TVX68	68	80	0.95	0.69	0.62
80TVX100	100	80	0.95	0.69	0.62
80TVX150	150	80	1.06	0.95	0.77
80TVX220	220	80	1.36	1.06	0.85
80TVX330	330	80	1.85	1.22	0.98
80TVX470	470	80	2.40	1.80	1.54
80TVX680	680	80	2.86	2.14	1.74
80TVX1000	1000	80	2.86	2.14	1.74
80TVX1500	1500	80	3.69	3.01	2.38
80TVX2200	2200	80	4.89	3.69	3.01
80TVX3300	3300	80	7.56	4.63	3.58

Continued on the next page

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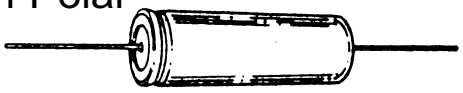
OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
100TVXR47	.47	100	0.38	0.22	0.19
100TVXR68	.68	100	0.38	0.22	0.19
100TVX1	1	100	0.38	0.22	0.19
100TVX1R5	1.5	100	0.38	0.22	0.19
100TVX2R2	2.2	100	0.39	0.24	0.20
100TVX3R3	3.3	100	0.39	0.24	0.20
100TVX4R7	4.7	100	0.42	0.27	0.21
100TVX6R8	6.8	100	0.42	0.27	0.21
100TVX10	10	100	0.43	0.29	0.25
100TVX15	15	100	0.43	0.29	0.25
100TVX22	22	100	0.44	0.31	0.25
100TVX33	33	100	0.46	0.38	0.31
100TVX47	47	100	0.55	0.47	0.38
100TVX68	68	100	0.87	0.70	0.64
100TVX100	100	100	0.87	0.70	0.64
100TVX150	150	100	1.19	1.14	0.91
100TVX220	220	100	1.19	1.14	0.91
100TVX330	330	100	1.52	1.46	1.12
100TVX470	470	100	2.19	1.74	1.43
100TVX680	680	100	2.84	2.33	1.87
100TVX1000	1000	100	5.11	3.14	2.51
100TVX1500	1500	100	5.11	3.14	2.51
100TVX2200	2200	100	7.56	4.71	3.58
160TVX1	1	160	0.40	0.36	0.31
160TVX2R2	2.2	160	0.40	0.36	0.31
160TVX3R3	3.3	160	0.46	0.41	0.35
160TVX4R7	4.7	160	0.48	0.44	0.38
160TVX10	10	160	0.60	0.55	0.47
160TVX15	15	160	0.65	0.59	0.53
160TVX22	22	160	0.68	0.63	0.56
160TVX33	33	160	0.75	0.68	0.61
160TVX47	47	160	0.83	0.74	0.68
160TVX68	68	160	1.20	1.06	0.96
160TVX100	100	160	1.45	1.32	1.20
160TVX220	220	160	2.43	2.30	2.10
160TVX330	330	160	3.27	2.97	2.70
160TVX470	470	160	4.21	3.80	3.47
200TVXR47	.47	200	0.44	0.40	0.34
200TVX200	200	200	1.80	1.60	1.45
200TVX220	220	200	2.69	1.76	1.58
200TVX250	250	200	2.89	1.98	1.75
200TVX270	270	200	3.07	2.47	2.25
200TVX330	330	200	3.89	3.25	2.95
200TVX430	430	200	4.80	4.35	3.95
200TVX500	500	200	5.47	4.66	4.25
200TVX680	680	200	6.44	5.25	4.74
200TVX1000	1000	200	7.44	6.25	5.95

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
250TVX1	1	250	0.59	0.56	0.49
250TVX2R2	2.2	250	0.59	0.56	0.49
250TVX3R3	3.3	250	0.59	0.56	0.49
250TVX4R7	4.7	250	0.59	0.56	0.49
250TVX10	10	250	0.65	0.60	0.56
250TVX15	15	250	0.71	0.68	0.65
250TVX22	22	250	0.71	0.68	0.65
250TVX33	33	250	0.74	0.71	0.68
250TVX47	47	250	0.80	0.73	0.71
250TVX100	100	250	1.51	1.35	1.30
250TVX150	150	250	1.87	1.71	1.60
250TVX220	220	250	2.09	1.92	1.81
250TVX330	330	250	5.35	3.86	3.68
250TVX470	470	250	6.04	4.96	4.72
250TVX560	560	250	6.99	5.68	5.45
250TVX680	680	250	7.49	6.31	5.95
350TVX1	1	350	0.71	0.65	0.60
350TVX2R2	2.2	350	0.71	0.65	0.60
350TVX3R3	3.3	350	0.71	0.65	0.60
350TVX4R7	4.7	350	0.71	0.65	0.60
350TVX10	10	350	0.80	0.79	0.74
350TVX22	22	350	0.80	0.79	0.74
350TVX33	33	350	1.02	0.96	0.90
350TVX47	47	350	1.15	1.06	0.99
350TVX100	100	350	1.98	1.67	1.55
350TVX150	150	350	2.22	1.98	1.87
450TVX1	1	450	0.72	0.66	0.60
450TVX2R2	2.2	450	0.76	0.71	0.64
450TVX3R3	3.3	450	0.80	0.72	0.65
450TVX4R7	4.7	450	0.80	0.72	0.65
450TVX10	10	450	0.95	0.86	0.79
450TVX22	22	450	1.28	1.16	1.05
450TVX33	33	450	1.73	1.46	1.35
450TVX47	47	450	2.14	1.75	1.58
450TVX68	68	450	2.38	2.10	1.90
450TVX80	80	450	2.76	2.52	2.29
450TVX100	100	450	3.25	2.95	2.68
450TVX150	150	450	4.69	4.24	3.94
500TVX1	1	500	1.36	1.25	1.09
500TVX2R2	2.2	500	1.43	1.31	1.14
500TVX3R3	3.3	500	1.48	1.36	1.20
500TVX4R7	4.7	500	1.71	1.48	1.31
500TVX10	10	500	2.00	1.65	1.54
500TVX22	22	500	2.22	1.88	1.81
500TVX33	33	500	2.62	2.17	2.05
500TVX47	47	500	2.72	2.31	2.16
500TVX68	68	500	3.01	2.67	2.45
500TVX80	80	500	3.46	3.15	2.86
500TVX100	100	500	4.03	3.71	3.58

TNP Standard General Purpose Non Polarized Axial 85∞

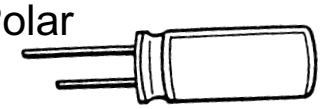
Axial Non-Polar



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
16TNP2	2	16	0.54	0.49	0.45
16TNP4	4	16	0.54	0.49	0.45
16TNP5	5	16	0.54	0.49	0.45
16TNP47	47	16	0.62	0.59	0.52
16TNP150	150	16	1.14	1.02	0.92
16TNP220	220	16	1.14	1.02	0.92
16TNP1000	1000	16	3.41	3.14	2.82
25TNP1	1	25	0.54	0.49	0.45
25TNP2	2	25	0.54	0.49	0.45
25TNP5	5	25	0.54	0.49	0.45
25TNP8	8	25	0.54	0.49	0.45
25TNP10	10	25	0.54	0.49	0.45
25TNP16	16	25	0.59	0.54	0.49
25TNP22	22	25	0.59	0.54	0.49
25TNP30	30	25	0.62	0.57	0.52
25TNP100	100	25	1.14	1.02	0.92
50TNPR47	.47	50	0.54	0.49	0.45
50TNP1	1	50	0.54	0.49	0.45
50TNP2	2	50	0.54	0.49	0.45
50TNP3R3	3.3	50	0.54	0.49	0.45
50TNP4R7	4.7	50	0.54	0.49	0.45
50TNP6R8	6.8	50	0.60	0.54	0.49
50TNP8R2	8.2	50	0.60	0.54	0.49
50TNP10	10	50	0.60	0.54	0.49
50TNP15	15	50	0.64	0.58	0.53
50TNP22	22	50	0.64	0.58	0.53
50TNP33	33	50	1.03	0.93	0.84
50TNP47	47	50	1.03	0.93	0.84
50TNP80	80	50	1.20	1.11	0.95
50TNP100	100	50	1.20	1.11	0.95
50TNP130	130	50	1.36	1.28	1.20
50TNP220	220	50	1.69	1.61	1.53
50TNP330	330	50	1.77	1.65	1.61
50TNP500	500	50	2.05	1.86	1.69
70TNP4R7	4.7	70	0.70	0.64	0.59
70TNP33	33	70	1.27	1.16	1.04
70TNP10	10	70	1.27	1.16	1.04
70TNP12	12	70	1.27	1.16	1.04
100TNPR47	.47	100	0.64	0.59	0.54
100TNP1	1	100	0.64	0.59	0.54
100TNP1R5	1.5	100	0.64	0.59	0.54
100TNP2R2	2.2	100	0.64	0.59	0.54
100TNP3R3	3.3	100	0.70	0.64	0.57
100TNP4R7	4.7	100	0.70	0.64	0.57
100TNP7R5	7.5	100	1.03	0.93	0.84
100TNP10	10	100	1.03	0.93	0.84
100TNP15	15	100	1.14	1.03	0.93
100TNP20	20	100	1.14	1.03	0.93
100TNP33	33	100	1.27	1.16	1.04
100TNP50	50	100	1.50	1.36	1.23
100TNP100	100	100	1.61	1.44	1.30
100TNP220	220	100	3.09	2.85	2.57
100TNP470	470	100	5.53	4.36	3.75
200TNP10	10	200	2.14	1.94	1.77
200TNP22	22	200	2.52	2.23	2.02
200TNP33	33	200	2.93	2.48	2.27
200TNP47	47	200	3.05	2.68	2.52
200TNP60	60	200	3.34	3.09	2.89
450TNP10	10	450	3.67	3.51	3.38
450TNP15	15	450	3.84	3.67	3.66
450TNP22	22	450	4.36	3.84	3.67

UNP Standard General Purpose Non Polarized Radial 85∞

Radial Non-Polar



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
16UNP1	1	16	0.54	0.49	0.45
16UNP2R2	2.2	16	0.54	0.49	0.45
16UNP10	10	16	0.54	0.49	0.45
16UNP22	22	16	0.54	0.49	0.45
16UNP100	100	16	1.05	0.96	0.87
25UNP1	1	25	0.54	0.49	0.45
25UNP2R2	2.2	25	0.54	0.49	0.45
25UNP3R9	3.9	25	0.54	0.49	0.45
25UNP4R7	4.7	25	0.54	0.49	0.45
25UNP8R5	8.5	25	0.54	0.49	0.45
25UNP10	10	25	0.54	0.49	0.45
25UNP22	22	25	0.64	0.58	0.53
25UNP33	33	25	0.64	0.58	0.53
25UNP47	47	25	0.64	0.58	0.54
25UNP100	100	25	0.95	0.94	0.70
25UNP220	220	25	1.53	1.36	1.28
25UNP330	330	25	1.77	1.61	1.53
25UNP470	470	25	2.10	1.94	1.86
25UNP1000	1000	25	2.89	2.68	2.60
25UNP2200	2200	25	3.38	3.09	2.89
35UNP3R3	3.3	35	0.60	0.54	0.49
35UNP10	10	35	0.60	0.54	0.49
35UNP22	22	35	0.64	0.58	0.53
50UNPR47	.47	50	0.54	0.49	0.45
50UNP1	1	50	0.54	0.49	0.45
50UNP1R5	1.5	50	0.54	0.49	0.45
50UNP2R2	2.2	50	0.54	0.49	0.45
50UNP3R3	3.3	50	0.54	0.49	0.45
50UNP4R7	4.7	50	0.55	0.50	0.45
50UNP6R8	6.8	50	0.60	0.54	0.49
50UNP10	10	50	0.60	0.54	0.49
50UNP22	22	50	0.64	0.58	0.53
50UNP33	33	50	1.03	0.93	0.84
50UNP47	47	50	1.03	0.93	0.84
50UNP100	100	50	1.20	1.11	0.95
50UNP220	220	50	1.86	1.69	1.53
50UNP330	330	50	1.94	1.77	1.61
50UNP470	470	50	2.56	2.35	2.19
63UNP2	2	63	0.68	0.62	0.56
63UNP4R7	4.7	63	0.68	0.62	0.56
63UNP6R8	6.8	63	0.68	0.62	0.56
63UNP10	10	63	0.73	0.68	0.64
63UNP30	30	63	1.14	1.03	0.93
100UNPR47	.47	100	0.65	0.59	0.54
100UNP1	1	100	0.65	0.59	0.54
100UNP2R2	2.2	100	0.65	0.59	0.54
100UNP3R3	3.3	100	0.66	0.64	0.57
100UNP4R7	4.7	100	0.70	0.64	0.57
100UNP8	8	100	1.03	0.93	0.84
100UNP10	10	100	1.03	0.93	0.84
100UNP15	15	100	1.07	0.99	0.84
100UNP22	22	100	1.14	1.03	0.93
100UNP33	33	100	1.27	1.16	1.04
100UNP47	47	100	1.50	1.36	1.23
100UNP100	100	100	1.59	1.44	1.31
100UNP220	220	100	2.93	2.76	2.60
160UNP4R7	4.7	160	1.03	0.87	0.78
200UNPR47	.47	200	1.03	0.93	0.84
200UNP1R5	1.5	200	1.49	1.34	0.84
200UNP2R2	2.2	200	1.49	1.34	1.20
200UNP4	4	200	2.06	1.84	1.69
200UNP8	8	200	2.14	1.94	1.77
200UNP12	12	200	2.22	2.02	1.86
200UNP20	20	200	2.31	2.10	1.94
200UNP40	40	200	2.52	2.27	2.02

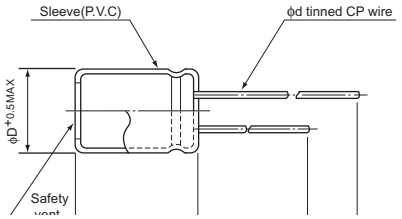
UHA Horizontal Deflection Current Correction Use, Non-Polar Radial

BP Bi-polarized

Anti-Solvent Feature

- Designed specifically for horizontal deflection current correction of TV's where high frequencies and high ripple currents are applied.

■Radial Lead Type



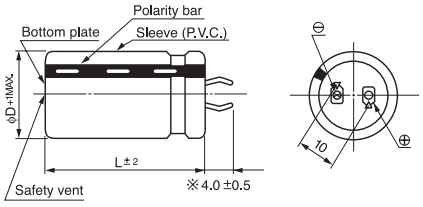
Item	Performance Characteristics
Operating Temperature Range	–25 ~ +85°C
Voltage Range	25・50V
Capacitance Range	2.2 ~ 10μF
Capacitance Tolerance	±10% at 120Hz, 20°C
Leakage Current	After 5 minutes' application of rated voltage, leakage current is 100(μA)or less.
tan δ	Measurement frequency : 120Hz, Temperature : 20°C Rated voltage(V) 25, 50 tan δ (MAX.) 0.05
Load Life	After 1000 hours' application of DC 12V on which the specified allowable ripple current is superimposed at 70°C, capacitors meet the characterstics requirements listed at right. Capacitance change: Within ±15% of initial value tan δ: 200% or less of initial specified value Leakage Current: Initial specified value or less
Shelf Life	After leaving capacitors under no load at 85°C for 500 hours, they meet the specified value for load life characteristics listed above.
Marking	Printed with blue color letter on light blue sleeve.
Applicable Standards	EIAJ RC 2366.

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
25UHA1	1	25	2.29	2.06	1.84
25UHA1R5	1.5	25	2.29	2.06	1.84
25UHA2R2	2.2	25	2.29	2.06	1.84
25UHA2R7	2.7	25	2.44	2.21	1.99
25UHA3R3	3.3	25	2.44	2.21	1.99
25UHA4R7	4.7	25	2.66	2.51	2.29
25UHA5R6	5.6	25	2.81	2.66	2.44
25UHA6R8	6.8	25	3.04	2.89	2.66
25UHA8R2	8.2	25	3.23	3.08	2.85
25UHA10	10	25	3.23	3.08	2.85
25UHA12	12	25	3.23	3.08	2.85
25UHA15	15	25	3.41	3.26	3.04
25UHA16	16	25	3.41	3.26	3.04
25UHA18	18	25	3.41	3.26	3.04
25UHA22	22	25	3.49	3.34	3.11
35UHA6R8	6.8	35	3.04	2.89	2.74

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
50UHA1	1	50	2.44	2.21	1.99
50UHA1R5	1.5	50	2.44	2.21	1.99
50UHA2R2	2.2	50	2.44	2.21	1.99
50UHA2R7	2.7	50	2.66	2.44	2.21
50UHA3R3	3.3	50	2.66	2.44	2.21
50UHA4R7	4.7	50	3.15	2.89	2.59
50UHA5R6	5.6	50	3.26	2.96	2.66
50UHA6R8	6.8	50	3.38	3.08	2.78
50UHA8R2	8.2	50	3.38	3.08	2.78
50UHA8R5	8.5	50	3.47	3.15	2.81
50UHA10	10	50	3.59	3.26	2.93
50UHA12	12	50	3.59	3.26	2.93
50UHA15	15	50	3.73	3.34	3.00
50UHA18	18	50	3.84	3.49	3.15
50UHA22	22	50	3.84	3.49	3.15
50UHA33	33	50	4.01	3.64	3.26
50UHA47	47	50	4.09	3.74	3.34
100UHA3R9	3.9	100	3.26	2.96	2.66
100UHA18	18	100	4.69	3.64	3.34
100UHA47	47	100	4.79	3.94	3.56

Snap-In Aluminum Electrolytic Capacitors 85°c

LLS Standard Snap-In Electrolytic 85°c



■Specifications

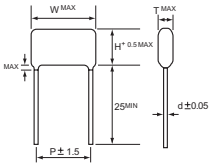
Item	Performance Characteristics
Operating Temperaturer Range	—40 ~ +85°C(160 ~ 250V), —25 ~ +85°C(350 ~ 450V)
Voltage Range	160 ~ 450V
Capacitance Range	56 ~ 2700μF
Capacitance Tolerance	±20% at 120Hz, 20°C
Leakage Current	I ≦ 3√CV (μA) (After 5 minutes' application of rated voltage) [C : Capacitance (μF) V : Voltage(V)]
tan δ	Measurement frequency : 120Hz, Temperature : 20°C Rated voltage(V): 160 / 180 / 200 / 250 / 350 / 400 / 450 tan δ (MAX.): 0.15 / 0.15 / 0.15 / 0.15 / 0.15 / 0.15 / 0.20
Stability at Low Temperature	Measurement frequency : 120Hz Rated voltage(V): 160 ~ 250 / 350 ~ 450 Impedance ratio Z—25°C/Z+20°C: 3 / 8 ZT/Z20(MAX.) Z—40°C/Z+20°C: 12 / —
Load Life	After an application of DC voltage (in the range of rated DC voltage even after over-lapping the specified ripple current) for 3000 hours at 85°C, capacitors shall meet the characteristics requirements indicated at right.	Capacitance change: Within± 20% of initial value tan δ: 200% or less of initial specified value Leakage current: Initial specified value or less
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the requirements listed at right.	Capacitance change: Within ±15% of initial value tan δ: 150% or less of initial specified value Leakage current: Initial specified value or less
Marking	Printed with white color letter on black sleeve.
Applicable Standards	JIS C 5141 and JIS C 5102.

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
16LLS3300	3300	16	2.02	1.69	1.53
16LLS4700	4700	16	2.27	1.86	1.61
16LLS6800	6800	16	2.68	2.06	1.86
16LLS10000	10000	16	3.26	2.43	2.06
16LLS15000	15000	16	3.34	2.93	2.68
16LLS22000	22000	16	4.33	3.92	3.67
16LLS33000	33000	16	4.91	4.33	3.92
25LLS2200	2200	25	2.10	1.61	1.44
25LLS3300	3300	25	2.27	1.86	1.61
25LLS3900	3900	25	2.43	2.02	1.77
25LLS4700	4700	25	2.43	2.02	1.77
25LLS5600	5600	25	3.26	2.85	2.60
25LLS6800	6800	25	3.26	2.85	2.60
25LLS8200	8200	25	3.42	3.01	2.76
25LLS10000	10000	25	3.53	3.14	2.85
25LLS15000	15000	25	3.94	3.55	3.26
25LLS22000	22000	25	4.91	4.33	3.92
35LLS1000	1000	35	1.86	1.44	1.28
35LLS2200	2200	35	2.27	1.86	1.61
35LLS3300	3300	35	2.52	2.19	1.77
35LLS4700	4700	35	2.68	2.35	1.86
35LLS6800	6800	35	3.53	3.14	2.85
35LLS10000	10000	35	4.52	3.85	3.51
35LLS22000	22000	35	4.66	4.27	4.08
50LLS1000	1000	50	1.86	1.61	1.44
50LLS2200	2200	50	2.39	1.98	1.77
50LLS2700	2700	50	3.05	2.64	2.43
50LLS3300	3300	50	3.05	2.64	2.43
50LLS3900	3900	50	4.08	3.71	3.51
50LLS4700	4700	50	4.08	3.71	3.51
50LLS5600	5600	50	5.16	4.91	4.66
50LLS6800	6800	50	5.82	5.73	5.49
50LLS8200	8200	50	6.39	5.98	5.73
50LLS10000	10000	50	6.40	6.31	5.96
50LLS12000	12000	50	7.23	7.14	6.79
50LLS15000	15000	50	8.05	7.96	7.61
50LLS18000	18000	50	8.87	8.79	8.46
63LLS2200	2200	63	3.71	3.22	2.92
63LLS3300	3300	63	4.70	4.21	3.91
63LLS4700	4700	63	7.18	6.68	6.39
63LLS6800	6800	63	7.67	7.18	6.88
63LLS10000	10000	63	8.02	7.87	7.57
63LLS12000	12000	63	9.85	9.75	9.14
80LLS1000	1000	80	3.09	2.68	2.43
80LLS1500	1500	80	3.84	3.51	3.26
80LLS2200	2200	80	3.84	3.51	3.26
80LLS2700	2700	80	4.66	4.33	4.08
80LLS3300	3300	80	4.66	4.33	4.08
80LLS3900	3900	80	5.17	4.74	4.54
80LLS4700	4700	80	7.28	6.88	6.44
80LLS5600	5600	80	7.38	6.88	6.68
80LLS6800	6800	80	7.52	7.18	6.88
80LLS8200	8200	80	8.32	7.67	7.18
80LLS10000	10000	80	8.66	7.67	7.87

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
100LLS1000	1000	100	3.92	3.51	3.26
100LLS1500	1500	100	4.66	4.33	4.08
100LLS2200	2200	100	5.49	5.16	4.91
100LLS3300	3300	100	6.56	6.15	5.76
100LLS4700	4700	100	7.38	6.97	6.72
100LLS5600	5600	100	8.21	7.80	7.55
160LLS220	220	160	2.64	2.31	2.06
160LLS330	330	160	3.01	2.68	2.43
160LLS470	470	160	3.18	2.85	2.56
160LLS560	560	160	3.51	3.18	2.97
160LLS680	680	160	3.84	3.51	3.30
160LLS820	820	160	4.17	3.84	3.63
160LLS1000	1000	160	4.37	4.21	4.00
200LLS100	100	200	2.29	2.06	1.88
200LLS150	150	200	2.33	2.14	1.99
200LLS220	220	200	2.55	2.29	2.06
200LLS270	270	200	2.92	2.44	2.21
200LLS330	330	200	2.96	2.60	2.36
200LLS390	390	200	2.96	2.66	2.44
200LLS560	560	200	3.37	3.07	2.81
200LLS680	680	200	4.00	3.62	3.29
200LLS820	820	200	4.69	4.22	3.77
200LLS1000	1000	200	5.44	4.97	4.52
200LLS1500	1500	200	6.81	6.29	5.80
200LLS2200	2200	200	7.63	7.12	6.62
200LLS3300	3300	200	8.46	7.94	7.45
250LLS100	100	250	2.81	2.33	2.06
250LLS150	150	250	2.96	2.44	2.25
250LLS220	220	250	3.19	2.66	2.44
250LLS330	330	250	3.41	2.98	2.74
250LLS470	470	250	3.71	3.08	2.89
250LLS560	560	250	3.75	3.38	3.19
250LLS680	680	250	4.16	3.71	3.56
250LLS820	820	250	5.57	4.91	4.33
250LLS1000	1000	250	6.97	6.56	6.31
450LLS47	47	450	2.34	1.80	1.68
450LLS56	56	450	2.59	2.06	1.91
450LLS68	68	450	2.69	2.14	1.96
450LLS82	82	450	3.71	3.19	3.04
450LLS100	100	450	4.45	3.84	3.65
450LLS120	120	450	4.58	4.08	3.92
450LLS150	150	450	5.45	4.86	4.64
450LLS180	180	450	5.65	4.99	4.83
450LLS220	220	450	5.70	5.10	4.95
450LLS270	270	450	6.64	5.94	5.73
450LLS330	330	450	6.79	6.19	5.95
450LLS390	390	450	7.47	6.89	6.68
450LLS470	470	450	13.50	12.94	11.94
450LLS560	560	450	14.93	14.19	13.61
450LLS680	680	450	16.71	15.76	15.06
500LLS22	22	500	3.57	2.97	2.63
500LLS33	33	500	3.84	3.23	2.90
500LLS47	47	500	4.28	3.70	3.37
500LLS68	68	500	4.83	4.21	3.89
500LLS100	100	500	5.78	5.17	4.84

QXJ Standard Polyester Film □ Radial Type

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
QXJ1H102	0.001	50	0.16	0.14	0.11
QXJ1H332	0.0033	50	0.16	0.14	0.11
QXJ1H103	0.01	50	0.20	0.19	0.12
QXJ1H123	0.012	50	0.22	0.20	0.19
QXJ1H183	0.018	50	0.22	0.20	0.19
QXJ1H273	0.027	50	0.22	0.20	0.19
QXJ1H333	0.033	50	0.22	0.20	0.19
QXJ1H393	0.039	50	0.22	0.20	0.19
QXJ1H473	0.047	50	0.25	0.22	0.20
QXJ1H104	0.1	50	0.40	0.24	0.22
QXJ1H154	0.15	50	0.49	0.29	0.27
QXJ1H274	0.27	50	0.63	0.38	0.35
QXJ1H334	0.33	50	0.91	0.55	0.51
QXJ1H105	1	50	1.40	0.84	0.71
QXJ2A102	0.001	100	0.21	0.19	0.14
QXJ2A122	0.0012	100	0.21	0.19	0.14
QXJ2A152	0.0015	100	0.21	0.19	0.14
QXJ2A182	0.0018	100	0.21	0.19	0.14
QXJ2A202	0.002	100	0.21	0.19	0.14
QXJ2A222	0.0022	100	0.21	0.19	0.14
QXJ2A272	0.0027	100	0.21	0.19	0.14
QXJ2A332	0.0033	100	0.24	0.21	0.14
QXJ2A392	0.0039	100	0.24	0.21	0.14
QXJ2A472	0.0047	100	0.24	0.21	0.14
QXJ2A562	0.0056	100	0.24	0.21	0.14
QXJ2A682	0.0068	100	0.24	0.21	0.14
QXJ2A822	0.0082	100	0.24	0.21	0.14
QXJ2A103	0.01	100	0.24	0.21	0.14
QXJ2A123	0.012	100	0.27	0.24	0.15
QXJ2A153	0.015	100	0.27	0.24	0.15
QXJ2A183	0.018	100	0.27	0.24	0.15
QXJ2A223	0.022	100	0.27	0.24	0.15
QXJ2A273	0.027	100	0.26	0.24	0.15
QXJ2A333	0.033	100	0.28	0.26	0.24
QXJ2A393	0.039	100	0.28	0.26	0.24
QXJ2A473	0.047	100	0.32	0.28	0.25
QXJ2A563	0.056	100	0.32	0.28	0.25
QXJ2A683	0.068	100	0.40	0.29	0.26
QXJ2A823	0.082	100	0.40	0.29	0.26
QXJ2A104	0.1	100	0.52	0.31	0.29
QXJ2A124	0.12	100	0.52	0.31	0.29
QXJ2A154	0.15	100	0.63	0.38	0.35
QXJ2A184	0.18	100	0.63	0.38	0.35
QXJ2A224	0.22	100	0.81	0.50	0.46
QXJ2A274	0.27	100	0.81	0.50	0.46
QXJ2A334	0.33	100	1.18	0.71	0.66
QXJ2A394	0.39	100	1.18	0.71	0.66
QXJ2A474	0.47	100	1.42	0.85	0.74
QXJ2A564	0.56	100	1.42	0.85	0.74
QXJ2A684	0.68	100	1.61	0.89	0.74
QXJ2A824	0.82	100	1.72	1.07	0.92
QXJ2A105	1	100	1.82	1.08	0.92
QXJ2A225	2.2	100	2.52	1.25	1.23
QXJ2E103	0.01	250	0.38	0.22	0.17
QXJ2E153	0.015	250	0.39	0.23	0.18
QXJ2E223	0.022	250	0.44	0.24	0.20
QXJ2E273	0.027	250	0.44	0.26	0.21
QXJ2E333	0.033	250	0.44	0.26	0.21
QXJ2E473	0.047	250	0.44	0.26	0.23
QXJ2E683	0.068	250	0.44	0.26	0.23
QXJ2E823	0.082	250	0.46	0.29	0.26
QXJ2E104	0.1	250	0.46	0.29	0.26
QXJ2E124	0.12	250	0.48	0.33	0.26
QXJ2E154	0.15	250	0.51	0.34	0.32
QXJ2E184	0.18	250	0.54	0.35	0.33
QXJ2E224	0.22	250	0.57	0.44	0.36
QXJ2E274	0.27	250	0.64	0.46	0.41
QXJ2E334	0.33	250	0.69	0.60	0.58
QXJ2E394	0.39	250	0.71	0.61	0.59
QXJ2E474	0.47	250	0.74	0.75	0.68
QXJ2E564	0.56	250	0.88	0.77	0.68
QXJ2E684	0.68	250	1.00	0.82	0.69
QXJ2E824	0.82	250	1.10	0.89	0.80
QXJ2E105	1	250	2.00	1.10	0.94
QXJ2E125	1.2	250	2.18	1.21	1.03
QXJ2E155	1.5	250	2.18	1.21	1.03
QXJ2E185	1.8	250	2.51	1.38	1.25
QXJ2E225	2.2	250	2.94	1.58	1.36
QXJ2E335	3.3	250	3.46	1.91	1.53
QXJ2E565	5.6	250	4.87	2.67	2.15



Straight lead type.

■Specifications

Item	Performance Characteristics
Operating Temperature Range	–40 ~ +85°C(Upper category temperature : 105°C)
Rated voltage (U_R)	250, 400, 630V.D.C.
Capacitance Range	0.01 ~ 3.9 F
Capacitance Tolerance	±5%(J), ±10%(K)
Dielectric Loss Tangent	0.8% or less(at 1kHz 20°C)
Insulation Resistance	C≦0.33 F : 9000M or more C >0.33 F : 3000 F or more
Withstand Voltage	Between Terminals : Rated Voltage X 175%, 1~5 secs. Between Terminals and Coverage : Rated Voltage X 200%, 1~ 5secs.
Encapsulation	Flame-retardant epoxy resin
Applicable Standard	JIS C 5115

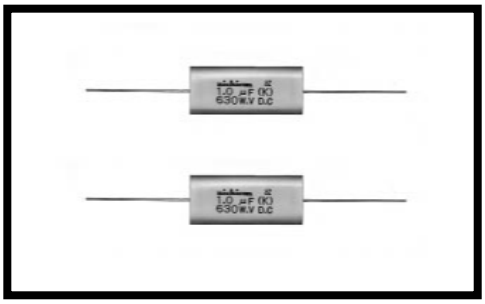
OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
QXJ2G472	0.0047	400	0.42	0.23	0.20
QXJ2G103	0.01	400	0.43	0.26	0.23
QXJ2G153	0.015	400	0.44	0.26	0.24
QXJ2G223	0.022	400	0.49	0.30	0.26
QXJ2G333	0.033	400	0.50	0.31	0.29
QXJ2G473	0.047	400	0.50	0.31	0.29
QXJ2G563	0.056	400	0.57	0.32	0.29
QXJ2G683	0.068	400	0.57	0.32	0.29
QXJ2G823	0.082	400	0.60	0.34	0.30
QXJ2G104	0.1	400	0.60	0.34	0.30
QXJ2G124	0.12	400	0.66	0.36	0.31
QXJ2G154	0.15	400	0.67	0.38	0.32
QXJ2G184	0.18	400	0.79	0.43	0.36
QXJ2G224	0.22	400	0.84	0.49	0.48
QXJ2G274	0.27	400	0.84	0.54	0.49
QXJ2G334	0.33	400	1.04	0.71	0.59
QXJ2G394	0.39	400	1.22	0.72	0.68
QXJ2G474	0.47	400	1.38	0.84	0.77
QXJ2G564	0.56	400	1.57	0.87	0.79
QXJ2G684	0.68	400	1.82	1.01	0.87
QXJ2G824	0.82	400	2.52	1.40	1.19
QXJ2G105	1	400	3.02	1.66	1.43
QXJ2G155	1.5	400	3.19	1.90	1.84
QXJ2G205	2	400	3.34	2.16	2.09
QXJ2G305	3	400	3.56	2.87	2.75
QXJ2G405	4	400	4.51	4.25	4.13
QXJ2J102	0.001	630	0.49	0.34	0.26
QXJ2J122	0.0012	630	0.49	0.34	0.26
QXJ2J152	0.0015	630	0.49	0.34	0.26
QXJ2J182	0.0018	630	0.49	0.34	0.26
QXJ2J202	0.002	630	0.49	0.34	0.26
QXJ2J222	0.0022	630	0.49	0.34	0.26
QXJ2J252	0.0025	630	0.49	0.34	0.26
QXJ2J272	0.0027	630	0.49	0.34	0.26
QXJ2J302	0.003	630	0.49	0.34	0.26
QXJ2J332	0.0033	630	0.49	0.34	0.26
QXJ2J392	0.0039	630	0.49	0.34	0.26
QXJ2J472	0.0047	630	0.49	0.34	0.26
QXJ2J502	0.0050	630	0.49	0.34	0.26
QXJ2J562	0.0056	630	0.49	0.34	0.26
QXJ2J682	0.0068	630	0.49	0.34	0.26
QXJ2J802	0.008	630	0.49	0.34	0.26
QXJ2J103	0.01	630	0.49	0.34	0.26
QXJ2J123	0.012	630	0.49	0.34	0.26
QXJ2J153	0.015	630	0.49	0.34	0.26
QXJ2J183	0.018	630	0.49	0.34	0.26
QXJ2J203	0.02	630	0.50	0.35	0.30
QXJ2J223	0.022	630	0.50	0.35	0.30
QXJ2J273	0.027	630	0.54	0.36	0.32
QXJ2J333	0.033	630	0.54	0.36	0.32
QXJ2J393	0.039	630	0.57	0.41	0.32
QXJ2J473	0.047	630	0.57	0.41	0.32
QXJ2J503	0.05	630	0.77	0.43	0.36
QXJ2J563	0.056	630	0.77	0.43	0.36
QXJ2J683	0.068	630	0.77	0.43	0.36
QXJ2J823	0.082	630	0.77	0.43	0.36
QXJ2J104	0.1	630	0.77	0.43	0.36
QXJ2J124	0.12	630	0.84	0.48	0.39
QXJ2J154	0.15	630	0.93	0.53	0.44
QXJ2J184	0.18	630	1.04	0.59	0.49
QXJ2J224	0.22	630	1.21	0.67	0.57
QXJ2J254	0.25	630	1.37	0.76	0.65
QXJ2J274	0.27	630	1.37	0.76	0.65
QXJ2J334	0.33	630	1.59	0.89	0.76
QXJ2J394	0.39	630	1.73	0.98	0.84
QXJ2J474	0.47	630	2.28	1.26	1.08
QXJ2J504	0.5	630	2.28	1.26	1.08
QXJ2J564	0.56	630	3.07	1.74	1.49
QXJ2J105	1	630	5.63	4.50	3.71
QXJ2J155	1.5	630	6.32	4.94	4.91
QXJ2J185	1.8	630	6.54	5.18	5.13
QXJ2J205	2	630	6.54	5.18	5.13

QAS Standard Polyester Film Capacitors □ Axial Type

■Specifications

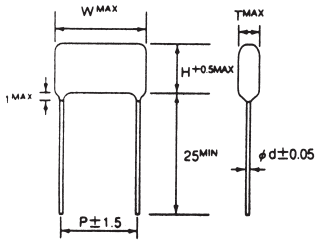
Item	Performance Characteristics
Operating Temperature Range	−40 ~ +85°C
Rated Voltage	250, 400, 630V.D.C.
Capacitance Range	0.1 ~ 10μF
Capacitance Tolerance	±5%(J), ±10%(K)
Dielectric Loss Tangent	1.0% or less(at 1kHz 20°C)
Insulation Resistance	C ≦ 0.33μF : 9000MΩ or more C > 0.33μF : 3000ΩF or more
Withstand Voltage	Between Terminals Rated VoltageX175%, 1 ~ 5 secs. Between Terminals and Coverage Rated VoltageX200%, 1 ~ 5 secs.
Encapsulation	Adhesive polyester film, epoxy resin
Applicable Standard	JIS C 5115

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
QAS2A102	0.001	100	0.50	0.45	0.32
QAS2A152	0.0015	100	0.50	0.45	0.32
QAS2A222	0.0022	100	0.50	0.45	0.32
QAS2A332	0.0033	100	0.59	0.50	0.35
QAS2A472	0.0047	100	0.59	0.50	0.35
QAS2A562	0.0056	100	0.59	0.50	0.35
QAS2A682	0.0068	100	0.59	0.50	0.35
QAS2A822	0.0082	100	0.59	0.50	0.35
QAS2A103	0.01	100	0.59	0.50	0.35
QAS2A153	0.015	100	0.62	0.59	0.50
QAS2A223	0.022	100	0.62	0.59	0.50
QAS2A333	0.033	100	0.68	0.62	0.59
QAS2A473	0.047	100	0.80	0.68	0.60
QAS2A563	0.056	100	0.80	0.68	0.60
QAS2A683	0.068	100	0.96	0.71	0.62
QAS2A823	0.082	100	0.96	0.71	0.62
QAS2A104	0.1	100	1.25	0.76	0.68
QAS2A124	0.12	100	1.25	0.76	0.68
QAS2A154	0.15	100	1.55	0.92	0.85
QAS2A184	0.18	100	1.55	0.92	0.85
QAS2A224	0.22	100	1.99	1.20	1.10
QAS2A274	0.27	100	1.99	1.20	1.10
QAS2A334	0.33	100	2.85	1.71	1.58
QAS2A394	0.39	100	2.85	1.71	1.58
QAS2A474	0.47	100	3.17	2.06	1.90
QAS2A684	0.68	100	3.90	2.16	2.02
QAS2A105	1	100	4.36	2.61	2.25
QAS2A155	1.5	100	5.21	3.07	2.78
QAS2A225	2.2	100	5.21	3.07	2.78
QAS2A335	3.3	100	5.66	3.92	3.63
QAS2A405	4	100	6.00	4.64	4.36
QAS2A505	5	100	7.07	5.66	5.27
QAS2A805	8	100	8.69	7.07	6.06
QAS2E332	0.0033	250	1.07	0.60	0.50
QAS2E392	0.0039	250	1.07	0.60	0.50
QAS2E472	0.0047	250	1.07	0.60	0.50
QAS2E103	0.01	250	1.07	0.60	0.50
QAS2E273	0.027	250	1.25	0.68	0.55
QAS2E333	0.033	250	1.29	0.71	0.60
QAS2E473	0.047	250	1.29	0.71	0.60
QAS2E683	0.068	250	1.29	0.71	0.60
QAS2E823	0.082	250	1.29	0.71	0.60
QAS2E104	0.1	250	1.62	0.96	0.86
QAS2E224	0.22	250	1.94	1.37	1.09
QAS2E274	0.27	250	2.17	1.46	1.20
QAS2E334	0.33	250	2.39	2.06	1.31
QAS2E394	0.39	250	2.39	2.09	1.37
QAS2E474	0.47	250	2.63	2.39	1.45
QAS2E684	0.68	250	2.85	2.54	1.58
QAS2E105	1	250	3.69	2.75	2.02
QAS2E185	1.8	250	6.54	3.61	3.09
QAS2E225	2.2	250	7.51	4.45	3.56
QAS2E255	2.5	250	8.24	4.59	3.78
QAS2E275	2.7	250	8.24	4.59	3.78
QAS2E335	3.3	250	8.91	4.99	4.00
QAS2E475	4.7	250	9.08	6.06	5.35
QAS2E565	5.6	250	11.00	7.01	5.61
QAS2E106	10	250	12.47	8.63	8.03
QAS2E126	12	250	12.74	10.10	9.45
QAS2E156	15	250	13.88	11.63	10.88
QAS2E166	16	250	14.81	12.56	11.81
QAS2E186	18	250	15.38	13.13	12.38



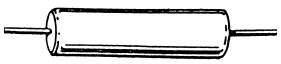
OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
QAS2G102	0.001	400	0.92	0.63	0.56
QAS2G222	0.0022	400	0.92	0.63	0.56
QAS2G332	0.0033	400	0.92	0.63	0.56
QAS2G333	0.033	400	1.07	0.80	0.69
QAS2G104	0.1	400	1.52	0.91	0.82
QAS2G254	0.25	400	1.64	1.35	1.21
QAS2G824	0.82	400	6.77	5.35	3.92
QAS2G105	1	400	8.91	7.49	6.06
QAS2G155	1.5	400	9.22	7.77	6.34
QAS2G205	2	400	9.62	8.20	6.77
QAS2J102	0.001	600	1.05	0.68	0.59
QAS2J122	0.0012	600	1.05	0.68	0.59
QAS2J222	0.0022	600	1.05	0.68	0.59
QAS2J332	0.0033	600	1.05	0.68	0.59
QAS2J472	0.0047	600	1.05	0.68	0.59
QAS2J562	0.0056	600	1.05	0.68	0.59
QAS2J103	0.01	600	1.05	0.68	0.59
QAS2J183	0.018	600	1.16	0.80	0.62
QAS2J223	0.022	600	1.21	0.85	0.68
QAS2J273	0.027	600	1.56	1.04	0.86
QAS2J303	0.03	600	1.56	1.04	0.86
QAS2J333	0.033	600	1.56	1.04	0.86
QAS2J393	0.039	600	1.64	1.16	0.92
QAS2J473	0.047	600	1.64	1.16	0.92
QAS2J563	0.056	600	2.18	1.22	1.04
QAS2J683	0.068	600	2.18	1.22	1.04
QAS2J823	0.082	600	2.18	1.22	1.04
QAS2J104	0.1	600	2.18	1.22	1.04
QAS2J124	0.12	600	2.40	1.34	1.13
QAS2J154	0.15	600	2.66	1.46	1.27
QAS2J224	0.22	600	3.43	1.91	1.64
QAS2J334	0.33	600	3.81	2.11	1.81
QAS2J474	0.47	600	5.00	2.75	2.36
QAS2J684	0.68	600	6.26	3.46	2.96
QAS2J105	1	600	14.76	11.79	9.71

QMP 1600 Volt Radial Polypropylene Capacitors



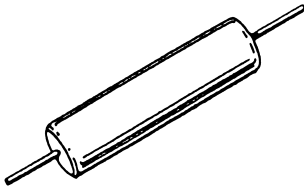
OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - OR MORE
16QMP102	0.001	1600	1.93	1.85
16QMP152	0.0015	1600	1.93	1.85
16QMP182	0.0018	1600	1.93	1.85
16QMP202	0.002	1600	1.93	1.85
16QMP222	0.0022	1600	1.93	1.85
16QMP252	0.0025	1600	1.93	1.85
16QMP332	0.0033	1600	1.93	1.85
16QMP392	0.0039	1600	1.93	1.85
16QMP472	0.0047	1600	1.93	1.85
16QMP562	0.0056	1600	2.04	2.02
16QMP602	0.006	1600	2.04	2.02
16QMP682	0.0068	1600	2.04	2.02
16QMP822	0.0082	1600	2.04	2.02
16QMP103	0.01	1600	2.24	2.16
16QMP123	0.012	1600	2.48	2.27
16QMP153	0.015	1600	2.69	2.42
16QMP223	0.022	1600	2.74	2.69
16QMP253	0.025	1600	2.74	2.69
16QMP303	0.03	1600	2.93	2.87
16QMP333	0.033	1600	2.93	2.87
16QMP473	0.047	1600	3.60	3.45
16QMP104	0.1	1600	4.46	4.20
16QMP105	1	1600	8.75	8.37

QAC AC Voltage Rated Polyester Film Capacitors



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - OR MORE
QAC125VR47	.47	125	1.57	1.46
QAC125V1	1	125	2.97	2.75
QAC125V2	2	125	3.29	3.08
QAC125V3	3	125	3.51	3.29
QAC125V4	4	125	4.59	4.27
QAC125V5	5	125	5.36	5.03
QAC125V6	6	125	6.16	5.89
QAC125V7	7	125	7.13	6.75
QAC250VR047	.047	250	2.43	2.21
QAC250VR1	.1	250	2.43	2.21
QAC250VR22	.22	250	3.19	2.97
QAC250VR47	.47	250	3.19	2.97
QAC250V3	3	250	4.54	4.37
QAC250V5	5	250	5.84	5.45
QAC250V6	6	250	7.46	6.97
QAC250V10	10	250	8.10	7.61
QAC250V14	14	250	8.91	8.48
QAC480V1	1	480	4.54	4.37

QMP 2000 Volt And Higher Axial Polypropylene Capacitors



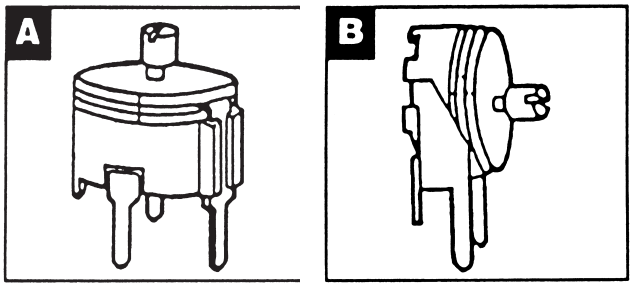
DC Film Polypropylene

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - OR MORE
20QMP102	0.001	2000	3.32	3.14
20QMP222	0.0022	2000	3.32	3.14
20QMP332	0.0033	2000	3.32	3.14
20QMP432	0.0043	2000	3.32	3.14
20QMP472	0.0047	2000	3.32	3.14
20QMP512	0.0051	2000	3.32	3.14
20QMP562	0.0056	2000	3.32	3.14
20QMP622	0.0062	2000	3.63	3.47
20QMP682	0.0068	2000	3.63	3.47
20QMP752	0.0075	2000	3.63	3.47
20QMP912	0.0091	2000	4.36	4.17
20QMP103	0.01	2000	4.36	4.17
20QMP123	0.012	2000	4.46	4.28
20QMP143	0.014	2000	4.46	4.28
20QMP153	0.015	2000	4.46	4.28
20QMP183	0.018	2000	4.64	4.46
20QMP193	0.019	2000	4.64	4.46
20QMP213	0.021	2000	4.67	4.52
20QMP223	0.022	2000	4.67	4.52
20QMP243	0.024	2000	4.67	4.52
20QMP273	0.027	2000	4.67	4.52
20QMP293	0.029	2000	4.67	4.52
20QMP333	0.033	2000	4.89	4.67
20QMP473	0.047	2000	5.75	5.54
20QMP104	0.1	2000	7.64	7.30
20QMP224	0.22	2000	7.88	7.33
20QMP334	0.33	2000	8.06	7.79
20QMP474	0.47	2000	8.69	8.33
30QMP104	0.1	3000	9.40	8.75
40QMP104	0.1	4000	12.59	11.93
80QMP502	0.005	8000	8.75	7.96
10KQMP103	0.01	10000	10.62	9.77
12KQMP202	0.002	12000	9.40	8.75
12KQMP302	0.003	12000	9.40	8.75
15KQMP502	0.005	15000	12.59	11.93
15KQMP503	0.05	15000	14.01	12.74
30KQMP103	0.01	30000	16.61	15.77

Plastic Film Trimmer Capacitors

TR Series Trimmers

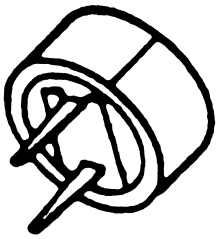
Styles Available



OUR TYPE	CAP MFD.	WORKING VOLTS DC	AVAILABLE STYLE	5 - 99	100 - OR MORE
ATR-2	2-15	200	A	3.15	2.79
ATR-3	3-40	200	A	3.15	2.79
ATR-4	4-65	200	A	3.15	2.79
ATR-8	8-80	200	A	4.99	3.66
ATR-9	9-120	200	A	10.20	8.55
ATR-10	10-180	200	A	15.94	13.95
BTR-2	2-15	200	B	4.24	3.66
BTR-3	3-40	200	B	4.46	3.86
BTR-4	4-65	200	B	5.89	5.21
BTR-8	8-80	200	B	5.97	5.38
BTR-9	9-120	200	B	9.49	8.21
BTR-10	10-180	200	B	15.94	13.95

Computer Memory Back-up Capacitor

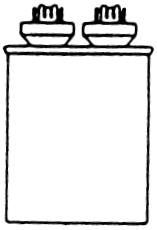
SC Super-Cap Gold Series



OUR TYPE	CAP FARAD	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
5R5SC333	.033	5.5	3.34	2.89	2.74
5R5SC473	.047	5.5	3.34	2.89	2.74
5R5SC104	.1	5.5	3.94	3.56	3.34
5R5SC224	.22	5.5	6.19	5.06	4.61
5R5SC334	.33	5.5	7.13	6.56	5.96
5R5SC474	.47	5.5	7.88	7.31	6.71
5R5SC105	1	5.5	9.94	9.00	8.21
5R5SC335	3.3	5.5	13.46	12.00	11.21

Microwave Oven Capacitors

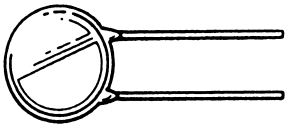
MW Series



OUR TYPE	CAP MFD	VOLTS AC	COST
AC2KMW924	.92	2000	13.50
AC2KMW554	.55	2000	13.50
AC2KMW864	.86	2000	13.50
AC2KMW964	.96	2000	13.50
AC2KMW105	1	2000	13.50
AC2KMW1054	1.05	2000	13.50

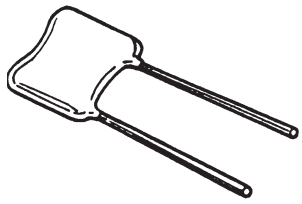
Very High-Voltage Ceramic Disc

BZ Series Bug Zappers



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
7R5KBZ1500	1500pf	7500	3.51	3.28	3.16
15KBZ500	500pf	15000	3.94	3.56	3.34
15KBZ2000	2000pf	15000	3.69	3.51	3.34
15KBZ2200	2200pf	15000	3.87	3.69	3.51
18KBZ1200	1200pf	18000	4.94	4.70	4.10
18KBZ1500	1500pf	18000	4.94	4.70	4.40
18KBZ1800	1800pf	18000	5.30	5.09	4.70
20KBZ1000	1000pf	20000	4.94	4.70	4.10
30KBZ500	500pf	30000	5.63	4.88	4.69

SMA 500 Volt Dipped Silver Mica Capacitors 5% Toll

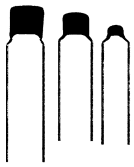


Silver Mica Capacitors

OUR TYPE	CAP MFD.	WORKING VOLTS DC	1 - 99	100 - 499
5SMA1	1pf	500	0.69	0.64
5SMA2	2pf	500	0.69	0.64
5SMA3	3pf	500	0.69	0.64
5SMA4	4pf	500	0.69	0.64
5SMA5	5pf	500	0.69	0.64
5SMA6	6pf	500	0.69	0.64
5SMA6.8	6.8pf	500	0.69	0.64
5SMA8	8pf	500	0.69	0.64
5SMA9	9pf	500	0.69	0.64
5SMA10	10pf	500	0.69	0.64
5SMA11	11pf	500	0.69	0.64
5SMA12	12pf	500	0.69	0.64
5SMA15	15pf	500	0.69	0.64
5SMA17	17pf	500	0.69	0.64
5SMA18	18pf	500	0.69	0.64
5SMA19	19pf	500	0.69	0.64
5SMA20	20pf	500	0.69	0.64
5SMA22	22pf	500	0.69	0.64
5SMA23	23pf	500	0.69	0.64
5SMA24	24pf	500	0.69	0.64
5SMA27	27pf	500	0.69	0.64
5SMA30	30pf	500	0.69	0.64
5SMA33	33pf	500	0.69	0.64
5SMA36	36pf	500	0.69	0.64
5SMA39	39pf	500	0.69	0.64
5SMA43	43pf	500	0.69	0.64
5SMA47	47pf	500	0.69	0.64
5SMA50	50pf	500	0.69	0.64
5SMA58	58pf	500	0.69	0.64
5SMA60	60pf	500	0.69	0.64
5SMA62	62pf	500	0.69	0.64
5SMA65	65pf	500	0.69	0.64
5SMA68	68pf	500	0.69	0.64
5SMA82	82pf	500	0.69	0.64
5SMA90	90pf	500	0.69	0.64
5SMA91	91pf	500	0.69	0.64
5SMA100	100pf	500	0.76	0.68
5SMA110	110pf	500	0.76	0.68
5SMA120	120pf	500	0.76	0.68
5SMA130	130pf	500	0.76	0.68
5SMA150	150pf	500	0.76	0.68
5SMA160	160pf	500	0.77	0.69

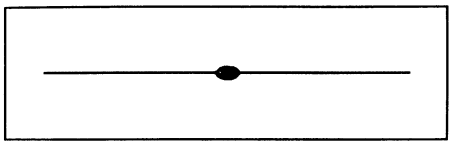
OUR TYPE	CAP MFD.	WORKING VOLTS DC	1-99	100 OR MORE
5SMA170	170pf	500	0.76	0.69
5SMA180	180pf	500	0.76	0.69
5SMA190	190pf	500	0.83	0.74
5SMA195	195pf	500	0.83	0.74
5SMA200	200pf	500	0.83	0.74
5SMA220	220pf	500	0.83	0.74
5SMA240	240pf	500	0.83	0.74
5SMA250	250pf	500	0.83	0.74
5SMA270	270pf	500	0.83	0.74
5SMA300	300pf	500	0.89	0.76
5SMA330	330pf	500	0.89	0.76
5SMA360	360pf	500	0.89	0.76
5SMA390	390pf	500	0.91	0.80
5SMA430	430pf	500	0.98	0.89
5SMA470	470pf	500	0.98	0.89
5SMA490	490pf	500	0.98	0.89
5SMA500	500pf	500	0.98	0.89
5SMA510	510pf	500	0.98	0.89
5SMA560	560pf	500	0.98	0.89
5SMA570	570pf	500	0.98	0.89
5SMA600	600pf	500	1.01	0.91
5SMA620	620pf	500	1.01	0.91
5SMA665	665pf	500	1.01	0.91
5SMA680	680pf	500	1.01	0.91
5SMA750	750pf	500	1.04	0.95
5SMA810	810pf	500	1.04	0.95
5SMA820	820pf	500	1.04	0.95
5SMA865	865pf	500	1.04	0.95
5SMA940	940pf	500	1.04	0.95
5SMA1000	1000pf	500	1.04	0.95
5SMA1030	1030pf	500	1.07	0.98
5SMA1100	1100pf	500	1.17	1.05
5SMA1200	1200pf	500	1.27	1.13
5SMA1300	1300pf	500	1.27	1.13
5SMA1400	1400pf	500	1.76	1.55
5SMA1600	1600pf	500	1.76	1.55
5SMA1800	1800pf	500	1.76	1.55
5SMA2000	2000pf	500	1.76	1.55
5SMA2200	2200pf	500	1.76	1.55
5SMA2400	2400pf	500	1.76	1.55
5SMA2500	2500pf	500	1.95	1.70
5SMA2700	2700pf	500	1.95	1.70
5SMA3000	3000pf	500	2.32	2.06
5SMA3010	3010pf	500	2.36	2.13
5SMA3300	3300pf	500	2.48	2.24
5SMA3600	3600pf	500	2.64	2.39
5SMA3900	3900pf	500	2.93	2.59
5SMA4000	4000pf	500	2.93	2.59
5SMA4300	4300pf	500	2.98	2.72
5SMA4700	4700pf	500	3.31	3.05
5SMA4990	4990pf	500	3.57	3.31
5SMA5000	5000pf	500	3.63	3.38
5SMA5600	5600pf	500	3.80	3.72
5SMA6800	6800pf	500	3.98	3.80
5SMA7500	7500pf	500	4.31	3.98
5SMA8200	8200pf	500	4.46	4.14
5SMA9100	9100pf	500	4.64	4.31
5SMA10000	10000pf	500	5.16	4.79
5SMA11000	11000pf	500	5.33	4.96
5SMA12000	12000pf	500	5.49	5.31
5SMA13000	13000pf	500	5.66	5.46
5SMA16000	16000pf	500	5.81	5.64
5SMA17000	17000pf	500	5.90	5.75
5SMA18000	18000pf	500	5.99	5.79
5SMA20000	20000pf	500	6.17	5.97
5SMA22000	22000pf	500	6.25	6.10
5SMA24000	24000pf	500	6.32	6.13
5SMA33000	33000pf	500	6.98	6.63
5SMA39000	39000pf	500	7.48	7.12
5SMA47000	47000pf	500	8.92	8.57

RMN Radial Type Monolithic



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
RMN10	10pf	50	0.30	0.28	0.26
RMN12	12pf	50	0.30	0.28	0.26
RMN15	15pf	50	0.30	0.28	0.26
RMN18	18pf	50	0.30	0.28	0.26
RMN22	22pf	50	0.30	0.28	0.26
RMN27	27pf	50	0.30	0.28	0.26
RMN33	33pf	50	0.30	0.28	0.26
RMN47	47pf	50	0.30	0.28	0.26
RMN56	56pf	50	0.30	0.28	0.26
RMN62	62pf	50	0.30	0.28	0.26
RMN68	68pf	50	0.30	0.28	0.26
RMN75	75pf	50	0.30	0.28	0.26
RMN82	82pf	50	0.30	0.28	0.26
RMN100	100pf	50	0.30	0.28	0.26
RMN120	120pf	50	0.30	0.28	0.26
RMNR01	.01mf	50	0.32	0.30	0.27
RMNR1	.1mf	50	0.41	0.38	0.33
RMNR22	.22mf	50	0.46	0.44	0.39
RMNR33	.33mf	50	0.50	0.47	0.42
RMNR47	.47mf	50	0.56	0.53	0.48
RMNR68	.68mf	50	0.60	0.56	0.51
RMN1	1mf	50	1.07	1.04	0.96
RMN2R2	2.2mf	50	2.63	2.44	2.36
RMN3R3	3.3mf	50	2.81	2.63	2.44
RMN4R7	4.7mf	50	3.04	2.81	2.63
RMN150	150pf	100	0.32	0.30	0.27
RMN180	180pf	100	0.32	0.30	0.27
RMN220	220pf	100	0.32	0.30	0.27
RMN270	270pf	100	0.32	0.30	0.27
RMN330	330pf	100	0.32	0.30	0.27
RMN390	390pf	100	0.32	0.30	0.27
RMN470	470pf	100	0.32	0.30	0.27
RMN560	560pf	100	0.32	0.30	0.27
RMN680	680pf	100	0.32	0.30	0.27
RMN820	820pf	100	0.32	0.30	0.27
RMN1000	1000pf	100	0.32	0.30	0.27
RMN1200	1200pf	100	0.32	0.30	0.27
RMN1500	1500pf	100	0.32	0.30	0.27
RMN1800	1800pf	100	0.32	0.30	0.27
RMN2200	2200pf	100	0.32	0.30	0.27
RMN2700	2700pf	100	0.35	0.32	0.30
RMN3300	3300pf	100	0.35	0.32	0.30
RMN3900	3900pf	100	0.35	0.32	0.30
RMN4700	4700pf	100	0.35	0.32	0.30
RMN5600	5600pf	100	0.50	0.48	0.44
RMN6800	6800pf	100	0.50	0.48	0.44
RMN8200	8200pf	100	0.50	0.48	0.44
RMN01	.01mf	100	0.50	0.48	0.44
RMN012	.012mf	100	0.50	0.48	0.44
RMN015	.015mf	100	0.50	0.48	0.44
RMN018	.018mf	100	0.64	0.62	0.57
RMN022	.022mf	100	0.64	0.62	0.57
RMN027	.027mf	100	1.05	1.04	0.95
RMN033	.033mf	100	1.05	1.04	0.95
RMN039	.039mf	100	1.05	1.04	0.95
RMN047	.047mf	100	1.05	1.04	0.95
RMN056	.056mf	100	1.05	1.04	0.95
RMN068	.068mf	100	1.39	1.36	1.24
RMN082	.082mf	100	1.39	1.36	1.24
RMN.1	.1mf	100	1.39	1.36	1.24
RMN.12	.12mf	100	1.88	1.82	1.67
RMN.15	.15mf	100	1.88	1.82	1.67
RMN.18	.18mf	100	2.18	2.12	1.98
RMN.22	.22mf	100	2.18	2.12	1.98
RMN.27	.27mf	100	2.18	2.12	1.98
RMN.33	.33mf	100	2.18	2.12	1.98
RMN.39	.39mf	100	3.23	3.15	2.88
RMN.47	.47mf	100	3.68	3.60	3.35
RMN.56	.56mf	100	4.20	4.13	3.83

TMN Axial Type Monolithic



OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
TMN10	10pf	50	0.30	0.28	0.26
TMN12	12pf	50	0.30	0.28	0.26
TMN15	15pf	50	0.30	0.28	0.26
TMN18	18pf	50	0.30	0.28	0.26
TMN22	22pf	50	0.30	0.28	0.26
TMN27	27pf	50	0.30	0.28	0.26
TMN33	33pf	50	0.30	0.28	0.26
TMN47	47pf	50	0.30	0.28	0.26
TMN56	56pf	50	0.30	0.28	0.26
TMN62	62pf	50	0.30	0.28	0.26
TMN68	68pf	50	0.30	0.28	0.26
TMN75	75pf	50	0.30	0.28	0.26
TMN82	82pf	50	0.30	0.28	0.26
TMN100	100pf	50	0.30	0.28	0.26
TMN120	120pf	50	0.30	0.28	0.26
TMNR01	.01mf	50	0.32	0.30	0.27
TMNR1	.1mf	50	0.41	0.38	0.33
TMNR22	.22mf	50	0.46	0.44	0.39
TMNR33	.33mf	50	0.50	0.47	0.42
TMNR47	.47mf	50	0.56	0.53	0.48
TMNR68	.68mf	50	0.60	0.56	0.51
TMN1	1mf	50	1.07	1.04	0.96
TMN2R2	2.2mf	50	2.63	2.44	2.36
TMN3R3	3.3mf	50	2.81	2.63	2.44
TMN4R7	4.7mf	50	3.04	2.81	2.63
TMN150	150pf	100	0.32	0.30	0.27
TMN180	180pf	100	0.32	0.30	0.27
TMN220	220pf	100	0.32	0.30	0.27
TMN270	270pf	100	0.32	0.30	0.27
TMN330	330pf	100	0.32	0.30	0.27
TMN390	390pf	100	0.32	0.30	0.27
TMN470	470pf	100	0.32	0.30	0.27
TMN560	560pf	100	0.32	0.30	0.27
TMN680	680pf	100	0.32	0.30	0.27
TMN820	820pf	100	0.32	0.30	0.27
TMN1000	1000pf	100	0.32	0.30	0.27
TMN1200	1200pf	100	0.32	0.30	0.27
TMN1500	1500pf	100	0.32	0.30	0.27
TMN1800	1800pf	100	0.32	0.30	0.27
TMN2200	2200pf	100	0.32	0.30	0.27
TMN2700	2700pf	100	0.35	0.32	0.30
TMN3300	3300pf	100	0.35	0.32	0.30
TMN3900	3900pf	100	0.35	0.32	0.30
TMN4700	4700pf	100	0.35	0.32	0.30
TMN5600	5600pf	100	0.50	0.48	0.44
TMN6800	6800pf	100	0.50	0.48	0.44
TMN8200	8200pf	100	0.50	0.48	0.44
TMN01	.01mf	100	0.50	0.48	0.44
TMN012	.012mf	100	0.50	0.48	0.44
TMN015	.015mf	100	0.50	0.48	0.44
TMN018	.018mf	100	0.64	0.62	0.57
TMN022	.022mf	100	0.64	0.62	0.57
TMN027	.027mf	100	1.05	1.04	0.95
TMN033	.033mf	100	1.05	1.04	0.95
TMN039	.039mf	100	1.05	1.04	0.95
TMN047	.047mf	100	1.05	1.04	0.95
TMN056	.056mf	100	1.05	1.04	0.95
TMN068	.068mf	100	1.39	1.36	1.24
TMN082	.082mf	100	1.39	1.36	1.24
TMN.1	.1mf	100	1.39	1.36	1.24
TMN.12	.12mf	100	1.88	1.82	1.67
TMN.15	.15mf	100	1.88	1.82	1.67
TMN.18	.18mf	100	2.18	2.12	1.98
TMN.22	.22mf	100	2.18	2.12	1.98
TMN.27	.27mf	100	2.18	2.12	1.98
TMN.33	.33mf	100	2.18	2.12	1.98
TMN.39	.39mf	100	3.23	3.15	2.88
TMN.47	.47mf	100	3.68	3.60	3.35
TMN.56	.56mf	100	4.20	4.13	3.83

CC Standard Ceramic Disc Capacitors

Radial Type
50-500 Volt Ceramic Disc

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
50CC1	1pf	50	0.35	0.18	0.11
50CC1R2	1.2pf	50	0.35	0.18	0.11
50CC3R3	3.3pf	50	0.35	0.18	0.11
50CC4R7	4.7pf	50	0.35	0.18	0.11
50CC5R6	5.6pf	50	0.35	0.18	0.11
50CC6R8	6.8pf	50	0.35	0.18	0.11
50CC8R2	8.2pf	50	0.35	0.18	0.11
50CC10	10pf	50	0.35	0.18	0.11
50CC12	12pf	50	0.35	0.18	0.11
50CC30	30pf	50	0.35	0.18	0.11
50CC39	39pf	50	0.35	0.18	0.11
50CC43	43pf	50	0.35	0.18	0.11
50CC47	47pf	50	0.35	0.18	0.11
50CC56	56pf	50	0.35	0.18	0.11
50CC82	82pf	50	0.35	0.18	0.11
50CC100	100pf	50	0.35	0.18	0.11
50CC120	120pf	50	0.35	0.18	0.11
50CC220	220pf	50	0.35	0.18	0.11
50CC270	270pf	50	0.35	0.18	0.11
50CC330	330pf	50	0.35	0.18	0.11
50CC470	470pf	50	0.35	0.18	0.11
50CC680	680pf	50	0.35	0.18	0.11
50CCR001	0.001mf	50	0.38	0.20	0.13
50CCR0012	0.0012mf	50	0.38	0.20	0.13
50CCR0015	0.0015mf	50	0.38	0.20	0.13
50CCR0018	0.0018mf	50	0.38	0.20	0.13
50CCR0022	0.0022mf	50	0.38	0.20	0.13
50CCR0033	0.0033mf	50	0.38	0.20	0.13
50CCR0047	0.0047mf	50	0.38	0.20	0.13
50CCR005	0.005mf	50	0.38	0.20	0.13
50CCR0056	0.0056mf	50	0.38	0.20	0.13
50CCR0082	0.0082mf	50	0.38	0.20	0.13
50CCR01	0.01mf	50	0.41	0.22	0.14
50CCR012	0.012mf	50	0.41	0.22	0.14
50CCR015	0.0015mf	50	0.41	0.22	0.14
50CCR022	0.022mf	50	0.44	0.23	0.14
50CCR033	0.033mf	50	0.48	0.26	0.16
50CCR047	0.047mf	50	0.51	0.26	0.16
50CCR05	0.05mf	50	0.51	0.26	0.16
50CCR1	0.1mf	50	0.53	0.29	0.17
50CCR22	0.22mf	50	0.55	0.31	0.20
50CCR33	0.33mf	50	1.02	0.89	0.80
50CCR47	0.47mf	50	1.61	1.39	1.21
1CCR01	0.01mf	100	0.30	0.26	0.25
1CCR1	0.1mf	100	0.41	0.36	0.34
2CCR01	0.01mf	200	0.33	0.27	0.25
2CCR1	0.1mf	200	0.65	0.55	0.50
5CCR1	0.1mf	500	0.89	0.86	0.84

Radial Type
1000 Volt Ceramic Disc

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
1KCC2	2pf	1000	0.36	0.18	0.17
1KCC2R2	2.2pf	1000	0.36	0.18	0.17
1KCC2R5	2.5pf	1000	0.36	0.18	0.17
1KCC2R7	2.7pf	1000	0.36	0.18	0.17
1KCC3	3pf	1000	0.36	0.18	0.17
1KCC3R3	3.3pf	1000	0.36	0.18	0.17
1KCC4	4pf	1000	0.36	0.18	0.17
1KCC4R4	4.4pf	1000	0.36	0.18	0.17
1KCC4R7	4.7pf	1000	0.36	0.18	0.17
1KCC5	5pf	1000	0.36	0.18	0.17
1KCC5R1	5.1pf	1000	0.36	0.18	0.17
1KCC5R6	5.6pf	1000	0.36	0.18	0.17
1KCC6	6pf	1000	0.36	0.18	0.17
1KCC6R2	6.2pf	1000	0.36	0.18	0.17
1KCC6R8	6.8pf	1000	0.36	0.18	0.17
1KCC7	7pf	1000	0.36	0.18	0.17
1KCC7R5	7.5pf	1000	0.36	0.18	0.17
1KCC8R2	8.2pf	1000	0.36	0.18	0.17
1KCC9	9pf	1000	0.36	0.18	0.17
1KCC9R1	9.1pf	1000	0.36	0.18	0.17
1KCC10	10pf	1000	0.36	0.18	0.17
1KCC11	11pf	1000	0.36	0.18	0.17
1KCC12	12pf	1000	0.36	0.18	0.17
1KCC13	13pf	1000	0.36	0.18	0.17
1KCC15	15pf	1000	0.36	0.18	0.17
1KCC17	17pf	1000	0.36	0.18	0.17
1KCC18	18pf	1000	0.36	0.18	0.17
1KCC20	20pf	1000	0.36	0.18	0.17
1KCC22	22pf	1000	0.36	0.18	0.17
1KCC24	24pf	1000	0.36	0.18	0.17
1KCC25	25pf	1000	0.36	0.18	0.17
1KCC27	27pf	1000	0.36	0.18	0.17
1KCC30	30pf	1000	0.36	0.18	0.17
1KCC33	33pf	1000	0.36	0.18	0.17
1KCC36	36pf	1000	0.36	0.18	0.17
1KCC39	39pf	1000	0.36	0.18	0.17
1KCC40	40pf	1000	0.36	0.18	0.17
1KCC42	42pf	1000	0.36	0.18	0.17
1KCC43	43pf	1000	0.36	0.18	0.17
1KCC47	47pf	1000	0.36	0.18	0.17
1KCC50	50pf	1000	0.36	0.18	0.17
1KCC51	51pf	1000	0.36	0.18	0.17
1KCC56	56pf	1000	0.36	0.18	0.17
1KCC60	60pf	1000	0.36	0.18	0.17
1KCC62	62pf	1000	0.36	0.18	0.17
1KCC68	68pf	1000	0.36	0.18	0.17
1KCC75	75pf	1000	0.36	0.18	0.17

Continued on the next page

CC Standard Ceramic Disc Capacitors

Radial Type 1000, 3000, 5000, 6000 Volt Ceramic Disc

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
1KCC82	82pf	1000	0.36	0.18	0.17
1KCC91	91pf	1000	0.36	0.18	0.17
1KCC100	100pf	1000	0.36	0.18	0.17
1KCC120	120pf	1000	0.36	0.18	0.17
1KCC130	130pf	1000	0.36	0.18	0.17
1KCC150	150pf	1000	0.36	0.18	0.17
1KCC180	180pf	1000	0.36	0.18	0.17
1KCC200	200pf	1000	0.36	0.18	0.17
1KCC220	220pf	1000	0.36	0.18	0.17
1KCC250	250pf	1000	0.36	0.18	0.17
1KCC270	270pf	1000	0.36	0.18	0.17
1KCC300	300pf	1000	0.36	0.18	0.17
1KCC330	330pf	1000	0.36	0.18	0.17
1KCC350	350pf	1000	0.36	0.18	0.17
1KCC390	390pf	1000	0.36	0.18	0.17
1KCC400	400pf	1000	0.36	0.18	0.17
1KCC430	430pf	1000	0.36	0.18	0.17
1KCC470	470pf	1000	0.36	0.18	0.17
1KCC500	500pf	1000	0.36	0.18	0.17
1KCC510	510pf	1000	0.36	0.18	0.17
1KCC560	560pf	1000	0.36	0.18	0.17
1KCC680	680pf	1000	0.36	0.18	0.17
1KCC750	750pf	1000	0.36	0.18	0.17
1KCC800	800pf	1000	0.36	0.18	0.17
1KCC820	820pf	1000	0.36	0.18	0.17
1KCC910	910pf	1000	0.36	0.18	0.17
1KCC1000	1000pf	1000	0.36	0.18	0.17
1KCC1200	1200pf	1000	0.36	0.18	0.17
1KCC1500	1500pf	1000	0.36	0.18	0.17
1KCC1600	1600pf	1000	0.36	0.18	0.17
1KCC1800	1800pf	1000	0.36	0.18	0.17
1KCC2000	2000pf	1000	0.36	0.18	0.17
1KCC2200	2200pf	1000	0.36	0.18	0.17
1KCC2500	2500pf	1000	0.36	0.18	0.17
1KCC2700	2700pf	1000	0.36	0.18	0.17
1KCC3000	3000pf	1000	0.36	0.18	0.17
1KCC3300	3300pf	1000	0.36	0.18	0.17
1KCC3900	3900pf	1000	0.36	0.18	0.17
1KCC4000	4000pf	1000	0.36	0.18	0.17
1KCC4300	4300pf	1000	0.36	0.18	0.17
1KCC4700	4700pf	1000	0.36	0.18	0.17
1KCC5000	5000pf	1000	0.36	0.18	0.17
1KCC5600	5600pf	1000	0.36	0.18	0.17
1KCC6800	6800pf	1000	0.36	0.18	0.17
1KCC7500	7500pf	1000	0.36	0.18	0.17
1KCC8200	8200pf	1000	0.36	0.18	0.17
1KCCR01	0.01mf	1000	0.85	0.49	0.46
1KCCR015	0.015mf	1000	1.46	0.98	0.92
1KCCR02	0.02mf	1000	1.46	0.98	0.92
1KCCR03	0.03mf	1000	1.67	1.08	1.03
1KCCR033	0.033mf	1000	1.67	1.08	1.03
1KCCR036	0.036mf	1000	1.67	1.08	1.03
1KCCR047	0.047mf	1000	1.79	1.19	1.13
1KCCR05	0.05mf	1000	1.79	1.19	1.13
1KCCR1	0.1mf	1000	2.62	2.21	2.11

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - 499	500 OR MORE
3KCC13	13pf	3000	0.66	0.60	0.58
3KCC47	47pf	3000	0.66	0.60	0.58
3KCC82	82pf	3000	0.66	0.60	0.58
3KCC100	100pf	3000	0.90	0.83	0.58
3KCC120	120pf	3000	0.90	0.83	0.58
3KCC150	150pf	3000	0.90	0.83	0.58
3KCC160	160pf	3000	0.90	0.83	0.58
3KCC250	250pf	3000	0.90	0.83	0.58
3KCC300	300pf	3000	0.90	0.83	0.58
3KCC330	330pf	3000	0.90	0.83	0.58
3KCC470	470pf	3000	0.90	0.83	0.58
3KCC1000	1000pf	3000	1.13	1.09	1.07
3KCC1800	1800pf	3000	1.13	1.09	1.07
3KCC2200	2200pf	3000	1.13	1.09	1.07
3KCC4700	4700pf	3000	1.13	1.09	1.07
3KCCR01	0.01mf	3000	1.73	1.26	1.21
3KCCR1	0.1mf	3000	2.96	2.74	2.44
5KCC20	20pf	5000	0.92	0.86	0.84
5KCC56	56pf	5000	0.92	0.86	0.84
5KCC68	68pf	5000	0.92	0.86	0.84
5KCC82	82pf	5000	0.92	0.86	0.84
5KCC100	100pf	5000	1.03	0.96	0.94
5KCC240	240pf	5000	1.03	0.96	0.94
5KCC350	350pf	5000	1.03	0.96	0.94
5KCC380	380pf	5000	1.03	0.96	0.94
5KCCR1	0.1mf	5000	3.94	3.49	3.19
6KCC10	10pf	6000	1.02	0.95	0.92
6KCC15	15pf	6000	1.02	0.95	0.92
6KCC22	22pf	6000	1.02	0.95	0.92
6KCC30	30pf	6000	1.02	0.95	0.92
6KCC39	39pf	6000	1.02	0.95	0.92
6KCC47	47pf	6000	1.02	0.95	0.92
6KCC50	50pf	6000	1.02	0.95	0.92
6KCC68	68pf	6000	1.02	0.95	0.92
6KCC75	75pf	6000	1.02	0.95	0.92
6KCC82	82pf	6000	1.02	0.95	0.92
6KCC100	100pf	6000	1.26	1.21	1.16
6KCC110	110pf	6000	1.26	1.21	1.16
6KCC150	150pf	6000	1.26	1.21	1.16
6KCC180	180pf	6000	1.26	1.21	1.16
6KCC200	200pf	6000	1.26	1.21	1.16
6KCC220	220pf	6000	1.26	1.21	1.16
6KCC250	250pf	6000	1.26	1.21	1.16
6KCC270	270pf	6000	1.26	1.21	1.16
6KCC300	300pf	6000	1.26	1.21	1.16
6KCC390	390pf	6000	1.26	1.21	1.16
6KCC470	470pf	6000	1.26	1.21	1.16
6KCC500	500pf	6000	1.26	1.21	1.16
6KCC560	560pf	6000	1.26	1.21	1.16
6KCC680	680pf	6000	1.26	1.21	1.16
6KCC750	750pf	6000	1.26	1.21	1.16
6KCC820	820pf	6000	1.79	1.59	1.53
6KCC1000	1000pf	6000	2.26	2.19	2.16
6KCC1200	1200pf	6000	2.26	2.19	2.16
6KCC1500	1500pf	6000	2.26	2.19	2.16
6KCC2000	2000pf	6000	2.26	2.19	2.16
6KCC2200	2200pf	6000	2.26	2.19	2.16
6KCC3300	3300pf	6000	2.48	2.42	2.39
6KCC3900	3900pf	6000	2.48	2.42	2.39
6KCC4700	4700pf	6000	2.48	2.42	2.39
6KCCR01	0.01mf	6000	3.11	2.78	2.70
6KCCR1	0.1mf	6000	5.44	4.69	3.94

Radial And Axial Tantalum Capacitors

RTA Series

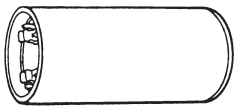
OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - OR MORE
6RTA6R8	6.8	6	0.30	0.27
6RTA10	10	6	0.36	0.32
6RTA22	22	6	0.41	0.36
6RTA47	47	6	0.71	0.64
6RTA330	330	6	4.31	4.13
10RTA4R7	4.7	10	0.30	0.27
10RTA10	10	10	0.36	0.32
10RTA15	15	10	0.44	0.39
10RTA22	22	10	0.56	0.50
10RTA33	33	10	0.64	0.56
10RTA100	100	10	2.21	2.06
10RTA150	150	10	3.38	2.81
16RTAR1	0.1	16	0.29	0.21
16RTA1	1	16	0.29	0.21
16RTA2R2	2.2	16	0.29	0.21
16RTA3R3	3.3	16	0.29	0.21
16RTA4R7	4.7	16	0.29	0.24
16RTA6R8	6.8	16	0.39	0.35
16RTA10	10	16	0.44	0.41
16RTA15	15	16	0.56	0.51
16RTA22	22	16	0.62	0.56
16RTA27	27	16	0.76	0.61
16RTA33	33	16	0.79	0.71
16RTA47	47	16	1.24	1.13
16RTA68	68	16	2.36	2.14
16RTA100	100	16	3.38	3.19
16RTA150	150	16	5.44	4.69
16RTA220	220	16	6.90	6.15
25RTAR1	0.1	25	0.29	0.21
25RTAR33	0.33	25	0.29	0.21
25RTA1	1	25	0.29	0.21
25RTA1R5	1.5	25	0.29	0.21
25RTA2R2	2.2	25	0.30	0.23
25RTA3R3	3.3	25	0.30	0.23
25RTA4R7	4.7	25	0.38	0.34
25RTA6R8	6.8	25	0.45	0.41
25RTA8R2	8.2	25	0.79	0.71
25RTA10	10	25	0.79	0.71
25RTA15	15	25	0.83	0.79
25RTA22	22	25	1.20	1.13
25RTA33	33	25	1.65	1.58
25RTA47	47	25	2.77	2.54
25RTA68	68	25	5.44	4.69
25RTA100	100	25	7.13	6.38
35RTAR1	0.1	35	0.29	0.21
35RTAR15	0.15	35	0.29	0.21
35RTAR22	0.22	35	0.29	0.21
35RTAR33	0.33	35	0.29	0.21
35RTAR47	0.47	35	0.29	0.21
35RTAR68	0.68	35	0.29	0.21
35RTA1	1	35	0.29	0.21
35RTA1R5	1.5	35	0.29	0.21
35RTA2R2	2.2	35	0.32	0.29
35RTA2R7	2.7	35	0.39	0.35
35RTA3R3	3.3	35	0.39	0.35
35RTA4R7	4.7	35	0.45	0.41
35RTA6R8	6.8	35	0.60	0.56
35RTA10	10	35	0.83	0.68
35RTA15	15	35	0.90	0.83
35RTA22	22	35	1.73	1.65
35RTA27	27	35	2.03	1.91
35RTA33	33	35	2.96	2.89
35RTA47	47	35	5.63	4.88
50RTAR1	0.1	50	0.32	0.26
50RTAR15	0.15	50	0.32	0.26
50RTAR22	0.22	50	0.32	0.26
50RTAR33	0.33	50	0.32	0.26
50RTAR47	0.47	50	0.32	0.26
50RTAR68	0.68	50	0.40	0.41
50RTA1	1	50	0.65	0.66
50RTA1R5	1.5	50	0.65	0.66
50RTA2R2	2.2	50	0.68	0.71
50RTA3R3	3.3	50	1.07	1.08
50RTA4R7	4.7	50	1.40	1.44
50RTA6R8	6.8	50	2.89	2.93
50RTA10	10	50	3.92	4.05
50RTA22	22	50	6.19	5.85
50RTA33	33	50	7.64	7.43

ATA Series

OUR TYPE	CAP MFD.	WORKING VOLTS DC	5 - 99	100 - OR MORE
6ATA6R8	6.8	6	0.50	0.44
6ATA47	47	6	0.77	0.72
6ATA150	150	6	1.57	1.52
6ATA180	180	6	1.77	1.57
6ATA330	330	6	4.26	4.00
10ATA27	27	10	0.77	0.71
10ATA33	33	10	0.77	0.71
10ATA39	39	10	0.77	0.71
10ATA100	100	10	1.83	1.64
10ATA180	180	10	4.26	4.00
10ATA220	220	10	4.52	4.13
15ATA22	22	15	0.77	0.72
15ATA56	56	15	1.77	1.57
15ATA68	68	15	1.77	1.57
15ATA150	150	15	4.26	4.00
20ATA1	1	20	0.50	0.44
20ATA1R5	1.5	20	0.50	0.44
20ATA2R2	2.2	20	0.50	0.44
20ATA3R3	3.3	20	0.50	0.44
20ATA8R2	8.2	20	0.77	0.72
20ATA10	10	20	0.77	0.72
20ATA15	15	20	0.77	0.72
20ATA27	27	20	1.77	1.57
20ATA33	33	20	1.77	1.57
20ATA39	39	20	1.77	1.57
20ATA47	47	20	1.77	1.57
20ATA56	56	20	4.26	4.00
20ATA68	68	20	4.26	4.00
20ATA82	82	20	4.52	4.13
20ATA100	100	20	4.52	4.13
35ATAR1	0.1	35	0.50	0.44
35ATAR22	0.22	35	0.50	0.44
35ATAR33	0.33	35	0.50	0.44
35ATAR47	0.47	35	0.50	0.44
35ATAR56	0.56	35	0.50	0.44
35ATAR68	0.68	35	0.50	0.44
35ATA1	1	35	0.50	0.44
35ATA1R5	1.5	35	0.77	0.72
35ATA2R2	2.2	35	0.77	0.72
35ATA2R7	2.7	35	0.77	0.72
35ATA3R3	3.3	35	0.77	0.72
35ATA4R7	4.7	35	0.77	0.72
35ATA6R8	6.8	35	0.77	0.72
35ATA8R2	8.2	35	1.77	1.57
35ATA10	10	35	1.77	1.57
35ATA15	15	35	1.77	1.57
35ATA22	22	35	2.96	2.75
35ATA33	33	35	4.26	4.00
35ATA39	39	35	5.06	4.70
35ATA47	47	35	8.91	7.73
50ATAR1	0.1	50	0.50	0.44
50ATAR47	0.47	50	0.50	0.44
50ATA1	1	50	0.50	0.44
50ATA2R2	2.2	50	0.86	0.80
50ATA3R3	3.3	50	0.86	0.80
50ATA4R7	4.7	50	2.04	1.98
50ATA10	10	50	3.09	2.88
50ATA15	15	50	3.31	2.88
50ATA22	22	50	6.63	6.38

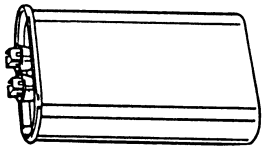
Motor Start And Motor Run Capacitors

MS Series – Motor Start Type



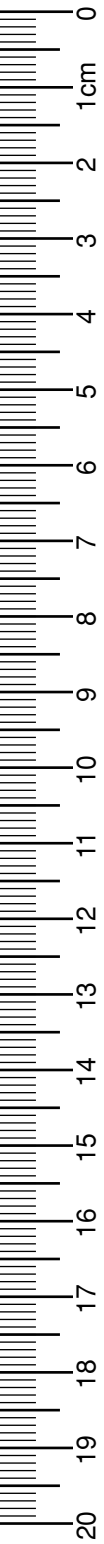
OUR TYPE	CAPACITY	VOLTS AC	COST
110/125V AC*			
MS125V16-20	16-20	110/125	3.02
MS125V21-25	21-25	110/125	3.02
MS125V25-30	25-30	110/125	3.02
MS125V30-36	30-36	110/125	3.02
MS125V36-43	36-43	110/125	3.02
MS125V43-52	43-52	110/125	3.02
MS125V53-64	53-64	110/125	3.68
MS125V72-86	72-86	110/125	3.68
MS125V88-106	88-106	110/125	3.70
MS125V108-130	108-130	110/125	3.85
MS125V124-149	124-149	110/125	3.95
MS125V145-174	145-174	110/125	4.55
MS125V161-193	161-193	110/125	4.55
MS125V189-227	189-227	110/125	4.55
MS125V196-236	196-236	110/125	4.55
MS125V216-259	216-259	110/125	4.55
MS125V233-280	233-280	110/125	4.63
MS125V270-324	270-324	110/125	4.94
MS125V324-389	324-389	110/125	5.39
MS125V340-408	340-408	110/125	6.15
MS125V378-454	378-454	110/125	6.56
MS125V400-480	400-480	110/125	6.76
MS125V460-552	460-552	110/125	8.44
MS125V540-648	540-648	110/125	9.05
MS125V590-708	590-708	110/125	9.19
MS125V708-850	708-850	110/125	10.89
MS125V829-995	829-995	110/125	12.05
MS125V1000-1200	1000-1200	110/125	13.64
250/220V AC*			
MS250V21-25	21-25	250/220	4.88
MS250V25-30	25-30	250/220	4.88
MS250V30-36	30-36	250/220	5.09
MS250V36-43	36-43	250/220	5.30
MS250V43-52	43-52	250/220	5.57
MS250V53-64	53-64	250/220	6.51
MS250V72-86	72-86	250/220	6.87
MS250V88-106	88-106	250/220	7.10
MS250V108-130	108-130	250/220	8.06
MS250V124-149	124-149	250/220	8.59
MS250V145-174	145-174	250/220	10.22
MS250V161-193	161-193	250/220	10.91
MS250V189-227	189-227	250/220	12.15
MS250V196-236	196-236	250/220	12.20
MS250V216-259	216-259	250/220	13.10
MS250V233-280	233-280	250/220	13.85
MS250V270-324	270-324	250/220	15.61
330V AC*			
MS330V18-22	18-22	330	5.60
MS330V21-25	21-25	330	5.78
MS330V25-30	25-30	330	5.87
MS330V30-36	30-36	330	6.26
MS330V36-43	36-43	330	6.44
MS330V43-52	43-52	330	6.92
MS330V53-64	53-64	330	7.50
MS330V72-86	72-86	330	8.91
MS330V88-106	88-106	330	9.62
MS330V108-130	108-130	330	11.57
MS330V124-149	124-149	330	13.15
MS330V145-174	145-174	330	14.21
MS330V161-193	161-193	330	15.16
MS330V189-227	189-227	330	17.39
MS330V216-259	216-259	330	18.20

MR Series – Motor Run Type



OUR TYPE	CAPACITY	VOLTS AC	COST
370V AC*			
MR370V2	2mf	370	5.63
MR370V3	3mf	370	5.63
MR370V4	4mf	370	5.84
MR370V5	5mf	370	5.84
MR370V6	6mf	370	6.53
MR370V7R5	7.5mf	370	7.56
MR370V10	10mf	370	9.56
MR370V12R5	12.5mf	370	11.15
MR370V15	15mf	370	12.54
MR370V17R5	17.5mf	370	13.25
MR370V20	20mf	370	14.14
MR370V25	25mf	370	15.67
MR370V30	30mf	370	18.64
MR370V35	35mf	370	19.57
MR370V40	40mf	370	22.45
MR370V45	45mf	370	24.27
MR370V50	50mf	370	26.00
440V AC*			
MR440V2	2mf	440	5.89
MR440V3	3mf	440	6.11
MR440V4	4mf	440	6.62
MR440V5	5mf	440	7.50
MR440V6	6mf	440	8.14
MR440V7R5	7.5mf	440	9.62
MR440V10	10mf	440	11.58
MR440V12R5	12.5mf	440	13.79
MR440V15	15mf	440	14.93
MR440V17R5	17.5mf	440	15.98
MR440V20	20mf	440	19.26
MR440V25	25mf	440	20.56
MR440V30	30mf	440	22.63
MR440V35	35mf	440	25.85
MR440V40	40mf	440	26.22
MR440V45	45mf	440	28.27
MR440V50	50mf	440	30.51
MR440V55	55mf	440	32.75
MR440V60	60mf	440	46.00
660V AC*			
MR660V1	1mf	660	9.29
MR660V2	2mf	660	10.64
MR660V3	3mf	660	12.08
MR660V4	4mf	660	13.37
MR660V5	5mf	660	14.69
MR660V6	6mf	660	16.09
MR660V7	7mf	660	16.91
MR660V8	8mf	660	17.82
MR660V9	9mf	660	18.77
MR660V10	10mf	660	19.39
MR660V15	15mf	660	25.15
MR660V20	20mf	660	29.55
MR660V30	30mf	660	46.50
MR660V40	40mf	660	50.89

Millimeter to Inch Conversion Table



mm	inch
1	.039
1.5	.059
2	.079
2.5	.098
3	.118
3.5	.138
4	.157
5	.197
5.3	.209
6	.236
6.3	.248
7	.275
8	.314
9	.354
10	.394
11	.433
11.5	.453
12	.472
12.5	.492
12.7	.500
13	.512
14	.551
15	.591
16	.629
17	.669

mm	inch
18	.709
19	.748
20	.787
21	.827
22	.866
23	.906
24	.945
25	.984
25.4	1.000
26	1.024
27	1.063
28	1.102
28.6	1.126
29	1.142
30	1.181
30.5	1.201
31	1.220
31.5	1.240
31.8	1.252
32	1.260
33	1.299
34	1.339
34.5	1.358
36	1.417
36.5	1.437

mm	inch
37	1.457
38	1.496
39	1.535
40	1.575
41	1.614
41.5	1.634
42	1.654
43	1.693
44	1.732
45	1.772
46	1.811
47	1.850
48	1.890
49	1.929
50	1.969
51	2.008
52	2.047
53	2.087
54	2.126
55	2.165
56	2.205
57	2.244
58	2.283
59	2.323
60	2.362

mm	inch
161	2.402
62	2.441
63	2.480
64	2.520
65	2.559
66	2.598
67	2.638
68	2.677
69	2.717
70	2.756
71	2.795
72	2.835
73	2.874
74	2.913
75	2.953
76	2.992
76.2	3.000
80	3.150
90	3.543
100	3.937
120	4.724
140	5.512
160	6.299

NOTE: To convert other millimeter values to inches multiply by 0.03937

Centigrade to Fahrenheit Conversion Table

°C =(F°- 32) x ⅝ · °F =(C°x 1.8) + 32

°C	-55	-40	-30	-25	-20	-17.8	0	20	25	40	45	60	70	85	105	125	260
°F	-67	-40	-22	-13	-4	0	32	68	77	104	113	140	158	185	221	275	500

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