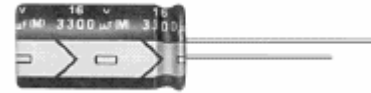


- Load life of 2000 hours at 105°C
- RPZ Series miniaturized



■ SPECIFICATIONS

Item	Characteristics																																	
Operating Temperature Range (°C)	6.3~100V	160~450V																																
Rated Voltage Range	-55~+105°C	-40~+105°C																																
Capacitance Tolerance (25°C, 120Hz)	±20%																																	
Leakage Current (μA)	0.01CV or 3, whichever is greater at (25°C, after 2 minutes) C: Nominal Capacitance (μ F), V: Rated Voltage (V)																																	
Dissipation Factor (25°C, 120Hz)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> <th>160~250</th> <th>315~450</th> </tr> </thead> <tbody> <tr> <td>tan δ</td> <td>0.28</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.08</td> <td>0.20</td> <td>0.24</td> </tr> </tbody> </table> <p>When nominal capacitance is over 1000 μ F tan δ shall be added 0.02 to the listed value with increase of every 1000 μ F.</p>		Rated Voltage (V)	6.3	10	16	25	35	50	63	100	160~250	315~450	tan δ	0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.20	0.24										
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■ DIMENSIONS

mm

ΦD	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0		7.5	
Φd	0.5		0.6			0.8	
a	1.0			L<16:1.0 L≥16:2.0			

■ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Rated Voltage (V)	Freq (Hz) CV (μF)	50,60	120	1K	10K	100K
		6.3~16	0.1~4.7	0.80	1	1.5
	10~47	0.80	1	1.2	1.3	1.4
	100~220	0.80	1	1.2	1.2	1.3
	330~1000	0.80	1	1.1	1.1	1.1
160~450	0.47~220	0.80	1	1.3	1.4	1.6

Temperature coefficient

Rated Voltage (V)	Temperature (°C)	+70	+85	+105
		6.3~100	2.0	1.7
160~450		1.8	1.4	1.0

STANDARD RATINGS

Wv (V) Cap (μF)	6.3		10		16		25		35		50		63		100	
	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple
	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms
0.1	-	-	-	-	-	-	-	-	-	-	5x11	3	-	-	5x11	1.5
0.22	-	-	-	-	-	-	-	-	-	-	5x11	6	-	-	5x11	3.4
0.33	-	-	-	-	-	-	-	-	-	-	5x11	9	-	-	5x11	5
0.47	-	-	-	-	-	-	-	-	-	-	5x11	10	-	-	5x11	7.1
1	-	-	-	-	-	-	-	-	-	-	5x11	15	-	-	5x11	15
2.2	-	-	-	-	-	-	-	-	-	-	5x11	22	-	-	5x11	21
3.3	-	-	-	-	-	-	-	-	-	-	5x11	27	-	-	5x11	29
4.7	-	-	-	-	-	-	5x11	27	5x11	30	5x11	32	-	-	5x11	32
10	-	-	-	-	5x11	37	5x11	39	5x11	43	5x11	47	5x11	46	6.3x11	54
22	-	-	-	-	5x11	54	5x11	58	5x11	64	5x11	70	5x11	71	6.3x11	93
33	-	-	-	-	5x11	67	5x11	71	5x11	78	5x11	90	6.3x11	100	8x11.5	130
47	-	-	5x11	72	5x11	79	5x11	84	5x11	90	6.3x11	115	6.3x11	120	10x12.5	165
100	-	-	5x11	105	5x11	115	6.3x11	141	6.3x11	151	8x11.5	190	10x12.5	215	10x20	265
220	5x11	140	6.3x11	166	6.3x11	190	8x11.5	247	10x12.5	314	10x12.5	314	10x16	335	12.5x25	440
330	6.3x11	195	6.3x11	210	8x11.5	271	10x12.5	360	10x12.5	384	10x16	421	10x20	510	12.5x25	540
470	6.3x11	232	8x11.5	325	8x11.5	323	10x12.5	429	10x16	470	12.5x20	628	12.5x20	640	16x25	715
1000	8x11.5	398	10x12.5	457	10x16	560	10x20	705	12.5x20	857	12.5x25	1000	16x25	930	18x40	985
2200	10x20	720	10x20	761	12.5x20	961	12.5x25	1180	16x25	1380	16x35.5	1660	-	-	-	-
3300	10x20	882	12.5x20	1010	12.5x25	1200	16x25	1440	16x35.5	1780	18x35.5	1990	-	-	-	-
4700	12.5x20	1120	12.5x25	1250	16x25	1490	16x31.5	1880	18x35.5	2120	-	-	-	-	-	-
6800	12.5x20	1380	16x25	1570	16x35.5	1830	18x35.5	2330	-	-	-	-	-	-	-	-
10000	16x25	1750	16x35.5	1910	18x35.5	2220	-	-	-	-	-	-	-	-	-	-
15000	16x35.5	2040	18x35.5	2190	-	-	-	-	-	-	-	-	-	-	-	-
22000	18x40	2390	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Wv (V) Cap (μF)	160		200		250		315		350		400		450	
	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple
	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms	ΦDxL	mArms
0.47	6.3x11	11	6.3x11	11	6.3x11	11	6.3x11	11	6.3x11	11	6.3x11	11	8x11.5	13
1	6.3x11	16	6.3x11	16	6.3x11	16	6.3x11	16	6.3x11	16	6.3x11	16	8x11.5	18
2.2	6.3x11	23	6.3x11	23	6.3x11	23	8x11.5	27	8x11.5	27	8x11.5	27	10x12.5	31
3.3	6.3x11	28	6.3x11	28	8x11.5	34	10x12.5	38	10x12.5	38	10x12.5	38	10x16	42
4.7	6.3x11	34	8x11.5	40	8x11.5	40	10x12.5	45	10x12.5	45	10x16	50	10x20	54
10	8x11.5	58	10x12.5	66	10x16	74	10x20	79	10x20	79	12.5x20	87	12.5x20	87
22	10x16	107	10x20	120	12.5x20	130	12.5x20	129	12.5x25	140	12.5x25	140	16x25	160
33	10x20	143	12.5x20	160	12.5x25	172	16x25	196	16x25	196	16x25	196	16x31.5	215
47	12.5x20	188	12.5x20	188	12.5x25	205	16x25	234	16x25	234	16x31.5	256	16x35.5	269
100	12.5x25	299	16x25	342	16x31.5	374	18x31.5	401	18x31.5	401	-	-	-	-
220	16x31.5	554	18x35.5	624	-	-	-	-	-	-	-	-	-	-
330	18x35.5	764	-	-	-	-	-	-	-	-	-	-	-	-

Ripple Current: 105°C, 120Hz