

- SMD TYPE Reflow Soldering is available
- Life 2000 hours at 85°C Non-Polarized
- Available For High Density Mounting

**Characteristics**

<b>Voltage Range</b>	6.3 to 50VDC						
<b>Capacitance Range</b>	0.1 to 47uF						
<b>Temperature Range</b>	-40 to +85°C						
<b>Capacitance Tolerance</b>	+20% -20% (at 20°C, 120Hz)						
<b>Leakage Current</b>	I≤0.01CV or 3uA, whichever is greater 2 minutes after Rated Voltage applied						
<b>Dissipation Factor (tan δ)Max</b>	Rated Voltage (V)	6.3	10	16	25	35	50
	(tan δ)	0.3	0.24	0.2	0.16	0.15	0.15
(at 20°C, 120Hz)							
<b>Stability at Low Temperature</b>	Impedance ratio at 120Hz						
	Rated Voltage (V)	6.3	10	16	25	35	50
	Z-25°C/Z 20°C	4	3	2	2	2	2
Z-40°C/Z 20°C	8	6	4	4	3	3	
<b>Load Life</b>	After the rated voltage has been applied for 2000 hours at 85°C		Capacitance change		Within ±25% of initial value		
			D.F. tanδ		200% of less of initial specified value		
			Leakage current		Initial specified value of less		
<b>Shelf Life</b>	After storage for 500 hours at 85°C, with no voltage applied and being stabilized at +20°C, Capacitor shall meet the limit specified in load life.						

**Case size & Maximum Ripple Current**

**mA rms 85°C 120Hz**

Cap. WV uF	6.3		10		16		25		35		50	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1											A	1.0
0.22											A	2.0
0.33											A	2.8
0.47											A	4.0
1											A	8.4
2.2									A	8.4	B	13
3.3							B	12	B	16	B	17
4.7					A	12	B	16	B	18	C	20
10			A	17	B	23	C	27	C	29		
22	B	28	C	33	C	37						
33	C	37	C	41	C	49						
47	C	45										

**Diagram of dimensions**

SIZE	Dφ	L	A	C	B	W	P
A	4	5.5	4.3	4.3	5.1	0.5~0.8	1.0
B	5	5.5	5.3	5.3	5.9	0.5~0.8	1.4
C	6.3	5.5	6.6	6.6	7.2	0.5~0.8	2.0

