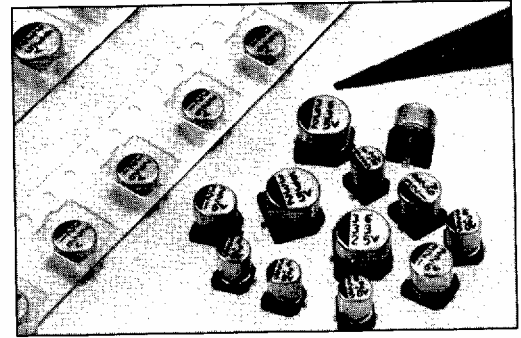


FEATURES

- CYLINDRICAL LEADLESS TYPE FOR SURFACE MOUNTING
- VERY LOW IMPEDANCE & HIGH RIPPLE CURRENT AT 100K Hz
- SUITABLE FOR DC-DC CONVERTER, DC-AC INVERTER, ETC.
- NEW EXPANDED CV RANGE, UP TO 1500 μ F
- ANTI-SOLVENT (2 MINUTES)
- DESIGNED FOR AUTOMATIC MOUNTING AND REFLOW SOLDERING

EXPANDED!



CHARACTERISTICS

Rated Voltage Range	6.3 ~ 50 Vdc						
Rated Capacitance Range	4.7 ~ 1500 μ F						
Operating Temperature Range	-55° ~ +105°C						
Capacitance Tolerance	\pm 20%(M), \pm 10%(K)*						
Max. Leakage Current After 2 Minutes at 20°C	0.01CV or 3 μ A, whichever is greater						
Surge Voltage & Max. Tan δ	W.V. (Vdc)	6.3	10	16	25	35	50
	S.V. (Vdc)	8.0	13	20	32	44	63
	Tan δ @ 120Hz/20°C	0.24	0.20	0.16	0.14	0.12	0.10
Low Temperature Stability (Impedance Ratio at 120Hz)	W.V. (Vdc)	6.3	10	16	25	35	50
	Z-40°C/Z +20°C	3	2	2	2	2	2
	Z-55°C/Z +20°C	5	4	4	3	3	3
Load Life Test	Capacitance Change	Within \pm 25% of initial measured value					
	Tan δ	Less than 200% of specified value					
	Leakage Current	Less than specified value					

**LOW IMPEDANCE
AT HIGH FREQUENCY.
INDUSTRY STANDARD
STYLE FOR SWITCHERS
AND CONVERTERS**

* Optional \pm 10% (K) Tolerance available on most values. Contact factory for availability.

MAXIMUM PERMISSIBLE RIPPLE CURRENT (mA rms at 100KHz AND 105°C)

W.V. (Vdc) Cap (μ F)	6.3	10	16	25	35	50
4.7					80	
10				80	150	165
15			80	150	150	
22		80	150	150	150	165
27	80					
33		150		230	230	185
47	150		230	230	230	185
56	150			230		
68		230	230	230	280	300
100	230		230	280		300
120		230				
150	230		280	450	450	670
220	230	280	280	450	450	670
330	280	450	450	450	670	
470	450	450	450	670		
680			670			
820		670				
1000	450					
1500	870					

MAXIMUM IMPEDANCE (Ω AT 20°C AND 100KHz)

W.V. (Vdc) Cap (μ F)	6.3	10	16	25	35	50
4.7					1.80	
10				1.80	0.76	0.88
15			1.80	0.76	0.76	
22		1.80	0.76	0.76	0.76	0.88
27	1.80					
33		0.76		0.44	0.44	0.75
47	0.76		0.44	0.44	0.44	0.75
56	0.76			0.44		
68		0.44	0.44	0.44	0.34	0.40
100	0.44		0.44	0.34		0.40
120		0.44				
150	0.44		0.34	0.17	0.17	0.22
220	0.44	0.34	0.34	0.17	0.17	0.22
330	0.34	0.17	0.17	0.17	0.09	
470	0.17	0.17	0.17	0.09		
680			0.09			
820		0.09				
1000	0.17					
1500	0.09					



