

FEATURES

- 85°C, 1000 hours assured, prong terminal series.
- Has an auxiliary terminal which can withstand vibration excellently when affixing to PCB.
- Suitable for electronic equipment with medium-high voltage such as filter of high rectification circuits.



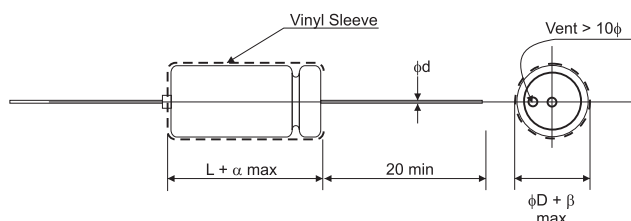
SPECIFICATIONS

Item	Performance			
	TB		TBL	
Operating Temperature Range	40° ~ + 85°C			
Rated Voltage	50V, DC			
Capacitance Tolerance	± 20% (120Hz, 20°C)			
Leakage Current (at 20°C)	I = 0.03CV or 3 (μA) whichever is greater (after 2 minutes) Where, C = rated capacitance in μF. V=rated DC working voltage in V.			
Dissipation Factor Tanδ at 1K Hz, 20°C	Series Cap. (μF)	TB	TBL	
	0.47 ~ 1.5	0.15	0.06	
	2.2 ~ 10	0.12		
	15 up above	0.09		
Load Life Test (after application of the rated voltage at 85°C, the polarity inverted every 250 hours)	Test Time		1000 Hrs	
	Capacitance Change		≤ ± 20%	
	Dissipation Factor		Less than 200% of specified value	
	Leakage Current		Within specified values	
	The above specification shall be satisfied when the capacitors are restored to 20°C after rated voltage applied for 1000 hrs at 85°C.			
Shelf Life Test	Test Time		1000 Hrs	
	Capacitance Change		≤ ± 20%	
	Dissipation Factor		Less than 200% of specified value	
	Leakage Current		Within specified values	
	The above specification shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hrs at 85°C without voltage applied.			
Standards	Satisfies Characteristic W of JIS C 5141			

LEAD SPACING AND DIAMETER

ϕ D	6.3	8	10	13	16	18	22
ϕ d	0.6			0.8			1.0
α	1.5			2.0			
β	0.5			1.0			

Series VDC		TB		TBL	
		50V(1H)		50V(1H)	
μ F	Code	φ DXL	mA	φ DXL	mA
0.47	R47	6.3 x 16	30		
0.56	R56	6.3 x 16	30		
0.68	R68	6.3 x 16	30		
0.82	R82	6.3 x 16	30		
1	010	8 x 17	45	10 x 25	75
1.5	1R5	8 x 17	65	10 x 25	95
2.2	2R2	10 x 20	85	13 x 27	145
3.3	3R3	10 x 20	105	16 x 33	185
4.7	4R7	10 x 21	145	16 x 33	240
6.8	6R8	13 x 27	280	16 x 37	320
8.2	8R2	13 x 27	305	18 x 43	420
10	100	13 x 32	365	18 x 43	540
15	150	13 x 32	420	22 x 50	750
22	220	16 x 33	480	22 x 50	950
33	330	16 x 38	520		
47	470	18 x 42	640		
68	680	22 x 46	750		



PART NUMBER EXAMPLE TB 330 M 1H TR 160 380