

Features

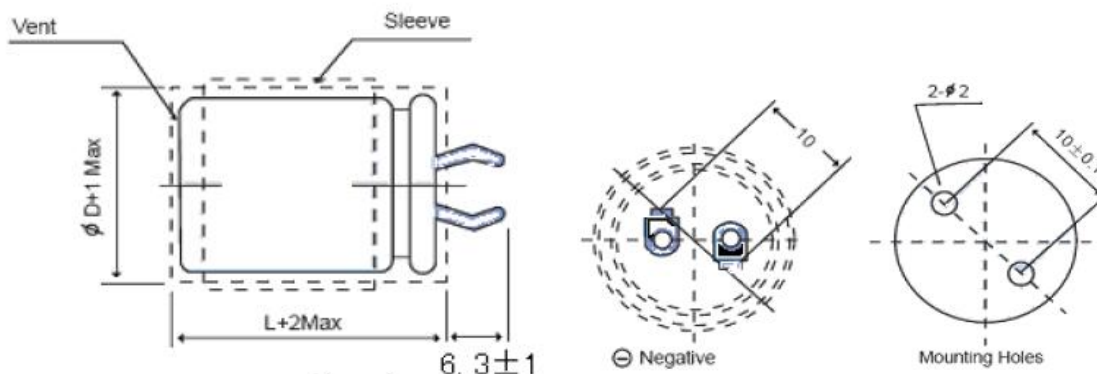
- 105°C, snap-in terminal
- Load life of 2000hrs~3000hrs, high ripple current, PCB mounting.



Specifications

Item	Characteristics							
Capacitance	1000uF							
Rated Voltage Range	400V.DC							
Operating Temperature Range	-40°C~+105°C							
Capacitance Tolerance	±20%(M) (25°C,100 or 120Hz)							
Leakage Current	I ≤ 0.01cv or 1.5mA. which is smaller After 5 minutes application of rated voltage. Where, I: Max. leakage current (uA), C: Norminal capacitance(uF), V: Rated Voltage(V)							
Dissipation Factor	(25°C,100 or 120Hz)							
	U _R (V)	16	25	35	50	63~100	160~400	450~500
	Tgδ(Max.)	0.5	0.4	0.35	0.3	0.2	0.15	0.2
Shelf Life(+ 105°C)	After storage for 1000 hours at +105°C with no voltage applied, the capacitor shall meet the specified limits for "Load Life"							
Load Life(+ 105°C)	After 3000 hours application of rated voltage at 105°C							
	Capacitance Change	Within ±20% of the initial specified value						
	D. F (Tan δ)	≤ 200% of the initial specified value						
	Leakage Current	Not more than the specified value						
Temperature Stability(120Hz)	Rated Voltage			10~100		160~200		250~500
	Impedance	Z-25°C/Z+20°C		4		4		4
	Ratio	Z-40°C/Z+20°C		15		---		----

Dimensions



Standard Size mm

D	22	25	30	35
F	10			
G	6.0			
α	1.0			
β	2.0			



TMCE18 Snap-in Terminal Aluminum Electrolytic Capacitor

Multiplier for Ripple Current

Frequency Coefficient

Frequency (Hz)		50	120	1K	10K	20K	100K
Coefficient	≤100	0.96	1.00	1.10	1.15	1.20	1.25
	63~100V	0.85	1.00	1.07	1.13	1.19	1.40
	160~450V	0.80	1.00	1.15	1.20	1.35	1.60

◆ Size and Max Ripple Current

Working Voltage (V.DC)	Capacitance (μF)	Size ΦD×L (mm)	Tgδ @20℃, 120Hz	Max ESR 20℃, 120Hz (mΩ)	I _R (Arms, 105℃, 120Hz)	Leakage Current(uA)
400	1000	35*55	0.15	280	2.12	1900

◆ TOPMAY PART NO. SYSTEM

<u>TMCE</u>	<u>18</u>	<u>-</u>	<u>108</u>	<u>M</u>	<u>400V</u>	<u>B</u>
Product Category	Sub-Series		Capacitance 108=1000uF	Tolerance-+/-20%	Voltage	Packing-bulk