

Features

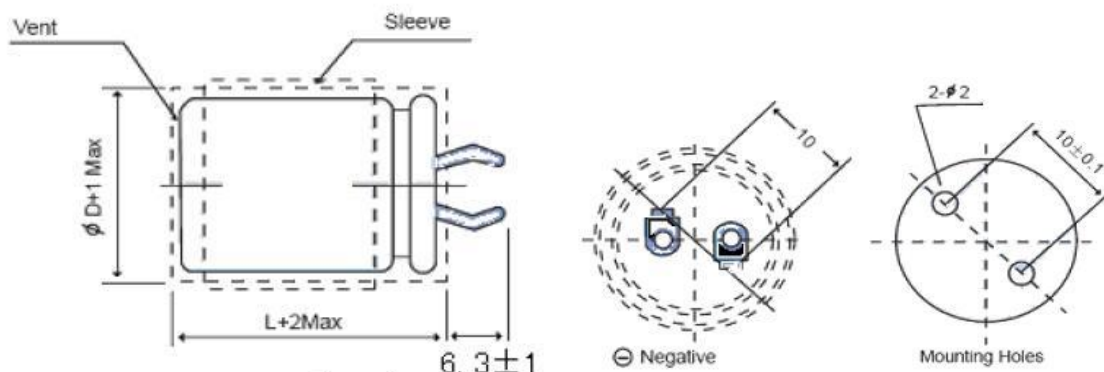
- 105°C, snap-in terminal
- Load life of 2000hr, high ripple current , PCB mounting.



Specifications

Item	Characteristics			
Capacitance	1000uF			
Rated Voltage Range	250V.DC			
Operating Temperature Range	-40°C~105°C			
Capacitance Tolerance	±20%(M) (25°C,100 or 120Hz)			
Leakage Current	$I \leq 0.01CV$ or 1.5mA. which is smaller After 5 minutes application of rated voltage. Where, I: Max. leakage current (uA), C: Nominal capacitance(uF), V: Rated Voltage(V)			
Dissipation Factor	(25°C,100 or 120Hz)			
	UR(V)	63~100	160~400	450~500
	Tgδ(Max.)	0.2	0.15	0.2
Shelf Life(+ 105°C)	1000hours no voltage applied the capacitor shall meet the specified limits for load life after test with UR to applied for 50 minutes			
Load Life(+ 105°C)	Life Time	2000hours		
	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
	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

PN	Voltage	Capacitance	Size	DF(%)max	ESR	R.C.	Tolerance	Leakage Current(uA) max.2min 20° C
Specification	(V)	(μF)	ΦD×L (mm)	@20°C, 120Hz	100KHz 25°C(Q)max.	(mAms)max 100khz 105c		
TMCE18-108M250VB	250	1000	35*30	15	0.166	2200	+20%	1500