

LM Series

- Downsize, longer life high ripple current series
- Endurance: 3000 hours at 105°C
- RoHS Compliant

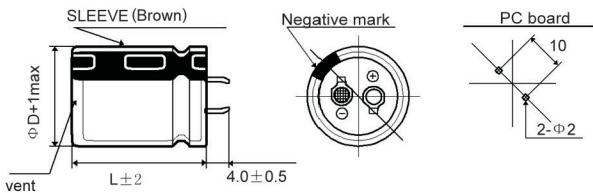


◆ SPECIFICATIONS

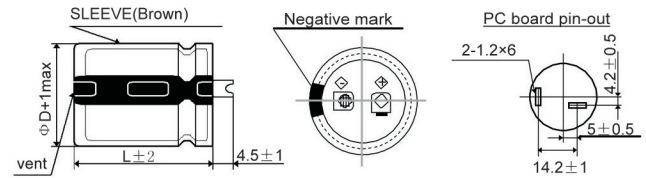
Items	Characteristics		
Category			
Temperature Range	-25~+105°C		
Rated Voltage Range	160~450V.DC		
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)		
Leakage Current	$I \leq 3 \sqrt{CV}$ Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 5 minutes)		
Dissipation Factor (tan δ)	Rated voltage (V _{dc})	160 to 400V	420 to 450V
	tan δ (Max.)	0.15	0.20
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{dc})	160 to 250V	315 to 400V
	Z(-25°C)/Z(+20°C)	4	8
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for 3,000 hours at 105°C.		
	Capacitance change	≤ ±20% of the initial value	
	D.F. (tan δ)	≤ 200% of the initial specified value	
	Leakage current	≤ The initial specified value	
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.		
	Capacitance change	≤ ±15% of the initial value	
	D.F. (tan δ)	≤ 150% of the initial specified value	
	Leakage current	≤ 200% of the initial specified value	

◆ DIMENSIONS [mm]

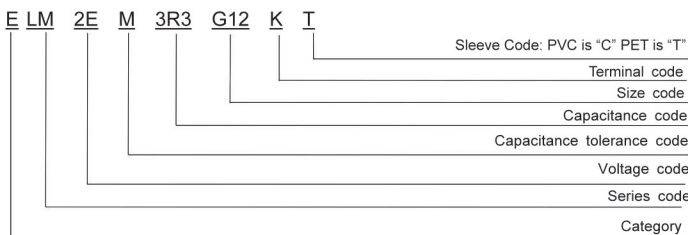
- Terminal Code : K (Φ 22 to Φ 35) : Standard



- Terminal Code : L (Φ 35)



◆ PART NUMBER SYSTEM



※Sleeve Code and Terminal Code should follow the part number system

◆ RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

W.V	120	1k	10k	100k
160~250	1.00	1.32	1.45	1.50
315~450	1.00	1.30	1.41	1.43

The endurance of capacitors is shorted with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced.

单击下面可查看定价，库存，交付和生命周期等信息

[>>AISHI\(艾华\)](#)