

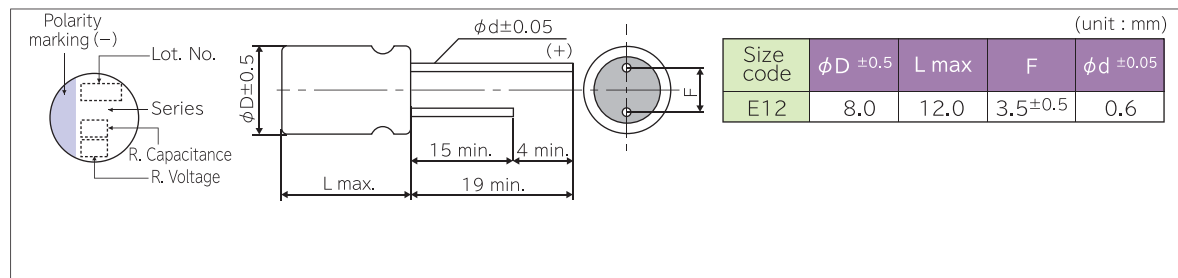


- Super high voltage (100 V max.)
- RoHS compliance, Halogen free

Specifications

Items	Specifications	
Size code	E12	
Category temperature range	-55 to +105 °C	
Rated voltage range	63 to 100 V,DC	
Rated capacitance range	15 to 33 μF	
Capacitance tolerance	±20 % (120 Hz/+20 °C)	
Leakage current	Please see the attached characteristics list	
Dissipation factor (tan δ)	Please see the attached characteristics list	
Endurance	105 °C, 5,000 h, rated voltage applied	
	ΔC/C	Within ±20 % of the initial value
	DF	≤1.5 times of the initial limit
	LC	Within the initial limit
Damp heat (Steady State)	60 °C, 90 to 95 %RH, 1,000 h, No-applied voltage	
	ΔC/C	Within ±20 % of the initial value
	DF	≤1.5 times of the initial limit
	LC	Within the initial limit (after voltage processing)

Marking and dimensions



Characteristics list

Series	Rated voltage (V,DC)	Rated capacitance (μF)	Case size (mm)		Size code	Specifications				Part number
			φD	L		Rated ripple current (mA _{rms}) ※1	ESR ※2 (mΩ max.)	tan δ ※3	LC ※4 (μA)	
SXE	63	33	8.0	12.0	E12	2950	25	0.12	104.0	63SXE33M
	100	15	8.0	12.0	E12	2350	40	0.12	75.0	100SXE15M

※1: Rated ripple current (100 kHz/ +105 °C), ※2: ESR (100 kHz to 300 kHz/+20 °C) ※3: tan δ (120 Hz/+20 °C) ※4: After 2 minutes

◆Please refer to each page in this catalog for "Flow conditions" and "Packing specifications".

Frequency Correction factor for ripple current

Frequency	120 Hz ≤ f < 1 kHz	1 kHz ≤ f < 10 kHz	10 kHz ≤ f < 100 kHz	100 kHz ≤ f ≤ 500 kHz
Coefficient	0.05	0.3	0.7	1