

Radial Lead Type

OS-CON



Series : **SXE**

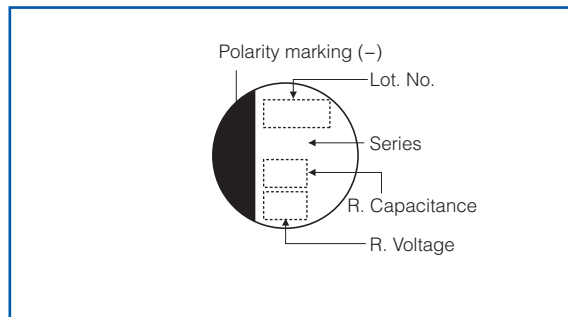
Features

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

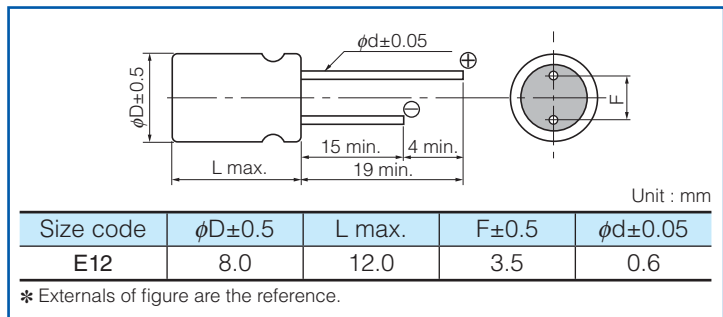
Specifications

Size code	E12	
Category temperature range	-55 °C to +105 °C	
Rated voltage range	63 V.DC to 100 V.DC	
Rated capacitance range	15 μ F to 33 μ F	
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, 5000 h, rated voltage applied	
	Capacitance change	Within ± 20 % of the initial value
	tan δ	≤ 150 % of the initial limit
	DC leakage current	Within the initial limit
Damp heat (Steady State)	+60 °C, 90 % to 95 %, 1000 h, No-applied voltage	
	Capacitance change	Within ± 20 % of the initial value
	tan δ	≤ 150 % of the initial limit
	DC leakage current	Within the initial limit (after voltage processing)

Marking



Dimensions (not to scale)



Characteristics list

Series	Rated voltage (V.DC)	Rated capacitance (μ F)	Case size (mm)		Size code	Specifications				Part number
			ϕD	L		Ripple* ¹ current (mAr.m.s.)	ESR* ² (m Ω max.)	tan δ * ³	LC* ⁴ (μ A)	
SXE	63	33	8.0	12.0	E12	2950	25	0.12	104	63SXE33M
	100	15	8.0	12.0		2350	40	0.12	75	100SXE15M

*1 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 "Taping specifications".

Frequency correction factor for ripple current

Frequency	120 Hz $\leq f < 1$ kHz	1 kHz $\leq f < 10$ kHz	10 kHz $\leq f < 100$ kHz	100 kHz $\leq f < 500$ kHz
Coefficient	0.05	0.3	0.7	1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Panasonic:](#)

[100SXE15M](#) [63SXE33M](#)