

■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range ($12\Omega \sim 90\Omega$) for noise suppression
- Operating temperature from -25°C to 85°C

■ Applications:

- USB line for personal computers and peripheral
- IEEE 1394 line for personal computers, DVC, STB
- LVDS, panel line for liquid display panels, graph card etc

■ Parts code:

SCM 2012

Type

D

Shielding Type
for USB3.0 / 7.5G

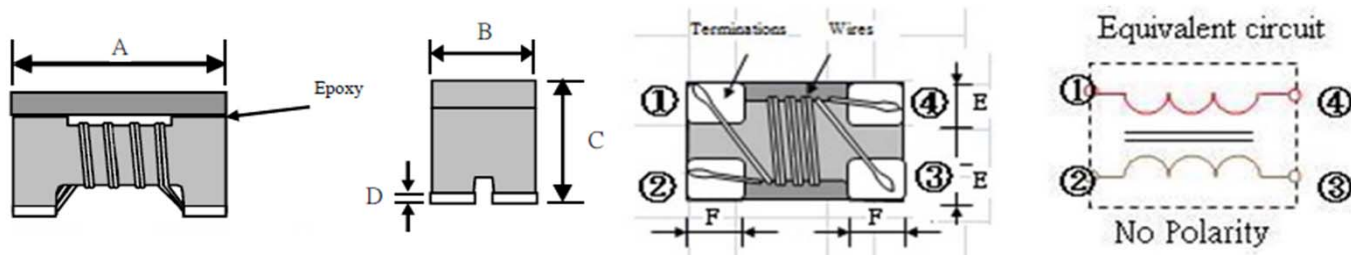
900

Impedance

S

Tolerance: M : $\pm 20\%$
S : $\pm 25\%$
N : $\pm 30\%$

■ Outline Dimension:



Dimensions in mm

TYPE	A	B	C	D	E	F
SCM 2012D	2.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	0.2 ± 0.1	0.40 Tpy.	0.45 Typ

■ Specifications

P/N	Z(Ω)	DCR (Ω)	Idc(mA)	Rated Voltage	Insulation Resistance	Cut-off Frequency	Characteristic Resistance
	Common Mode						
	Impedance at 100MHz	[Max]	[Max]	Vdc (V)Typical	IR (M Ω)Min.	(GHz)	(Ω)
SCM2012D-120N	12	0.25	420	50	10	7.5 typ.	100 tpy
SCM2012D-240□	24	0.25	420	50	10	7.5 typ.	100 tpy
SCM2012D-250□	25	0.22	420	50	10	7.5 typ.	100 tpy
SCM2012D-320□	32	0.25	400	50	10	7.5 typ.	100 tpy
SCM2012D-600□	60	0.30	300	50	10	7.5 typ.	100 tpy
SCM2012D-900□	90	0.30	300	50	10	7.5 typ.	100 tpy

■ Operating temperature : -25 to $+85^{\circ}\text{C}$

Storage temp. and humidity : -40 to $+85^{\circ}\text{C}$,70%RH max

■ PERFORMANCE CURVES

