

■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range (30Ω~2200Ω) 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

C

Shielding Type
for HDMI1.4 Cat2 / 6G

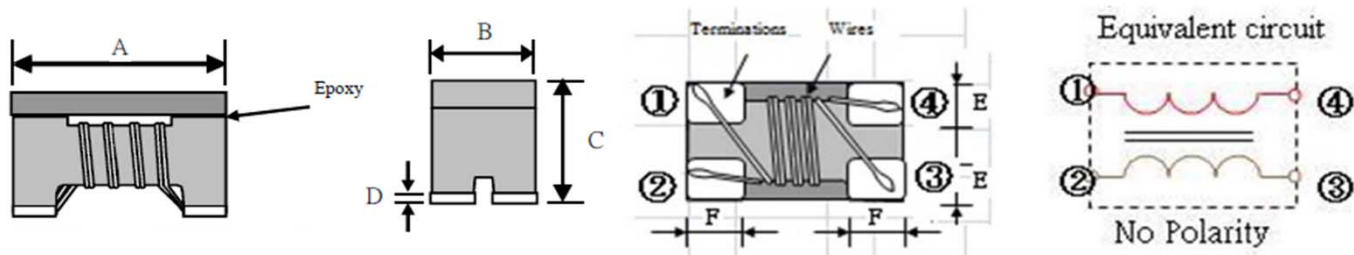
900

Impedance

S

Tolerance: M : ± 20%
S : ± 25%
N : ± 30%

■ Outline Dimension:



Dimensions in mm

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

■ Specifications

P/N	Z(Ω)	DCR (Ω)	Idc(mA)	Rated Voltage	Insulation Resistance	Cut-off Frequency	Characteristic Resistance
	Common Mode			Vdc	IR		
	Impedance at 100MHz	[Max]	[Max]	(V)Typical	(MΩ)Min.	(GHz)	(Ω)
SCM2012C-240□	24	0.20	300	50	10	6.0 typ.	100 tpy
SCM2012C-300□	30	0.20	300	50	10	6.0 typ.	100 tpy
SCM2012C-600□	60	0.30	300	50	10	6.0 typ.	100 tpy
SCM2012C-900□	90	0.30	300	50	10	6.0 typ.	100 tpy

■ Operating temperature : -25 to +85°C

Storage temp. and humidity : -40 to +85°C ,70%RH max

■ PERFORMANCE CURVES

