

■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range (67Ω~360Ω) 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

**A**

Shielding Type  
for 1 GHz

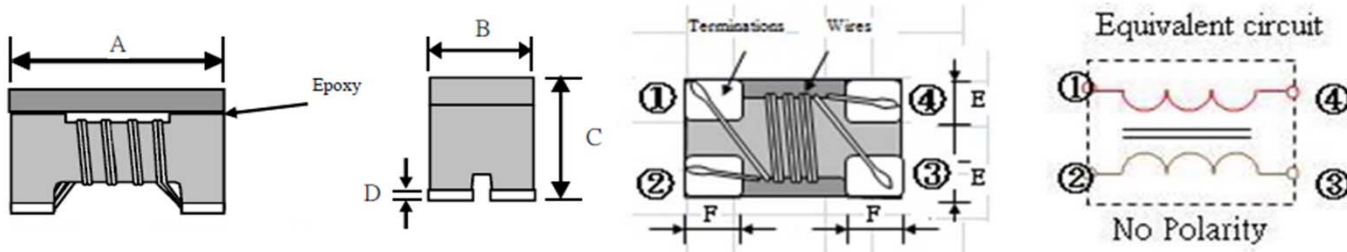
**900**

Impedance

**S**

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

■ Outline Dimension:



Dimensions in mm

TYPE	A	B	C	D	E	F
SCM 2012A	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	Withstanding Voltage
	Common Mode					
	Impedance at 100MHz					
	[ Max ]	[ Max ]	Vdc (V)Typical	IR (MΩ)Min.	Vdc (V)Typical	
SCM2012A-670□	67	0.25	400	50	10	125
SCM2012A-900□	90	0.30	400	50	10	125
SCM2012A-121□	120	0.30	350	50	10	125
SCM2012A-161□	160	0.30	350	50	10	125
SCM2012A-181□	180	0.35	330	50	10	125
SCM2012A-221□	220	0.35	330	50	10	125
SCM2012A-261□	260	0.40	300	50	10	125
SCM2012A-361□	360	0.40	280	50	10	125

■ Operating temperature : -25 to +85°C

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

## ■ PERFORMANCE CURVES

