

■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range ($67\Omega \sim 2200\Omega$) 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 3216

Type

A

Shielding Type
for 1 GHz

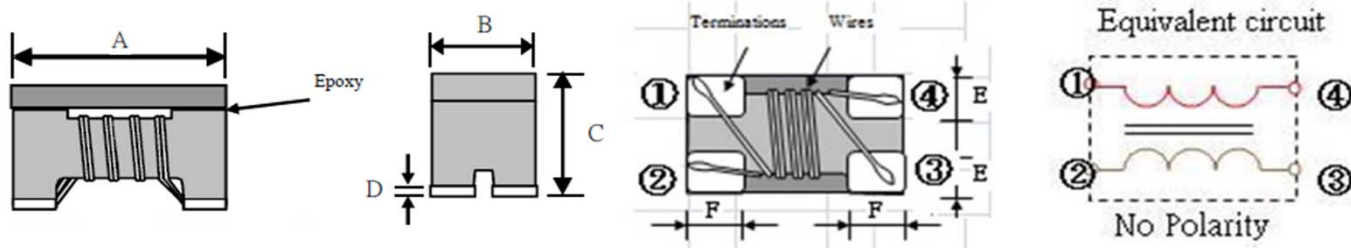
900

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 3216A	3.2 ± 0.2	1.6 ± 0.2	1.9 ± 0.2	0.2 ± 0.1	0.60 Typ.	0.60 Typ

■ Specifications

P/N	Z(Ω)	DCR (Ω)	Idc(mA)	Rated Voltage	Insulation Resistance	Withstanding Voltage
	Common Mode			Vdc	IR	Vdc
	Impedance at 100MHz	[Max]	[Max]	(V)Typical	(M Ω)Min.	(V)Typical
SCM3216A-670□	67	0.25	400	50	10	125
SCM3216A-900□	90	0.30	400	50	10	125
SCM3216A-121□	120	0.35	370	50	10	125
SCM3216A-161□	160	0.40	340	50	10	125
SCM3216A-261□	260	0.50	310	50	10	125
SCM3216A-361□	360	0.60	290	50	10	125
SCM3216A-601□	600	0.80	260	50	10	125
SCM3216A-102□	1000	1.00	230	50	10	125
SCM3216A-222□	2200	1.20	200	50	10	125

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

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

■ PERFORMANCE CURVES

