

■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range (100Ω~1400Ω) for noise suppression
- Operating temperature from -25°C to 85°C

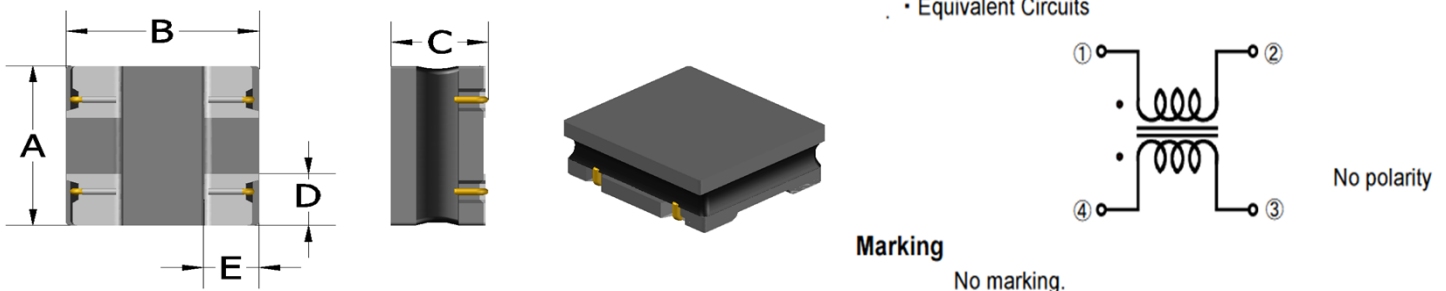
■ Applications:

- 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 5045	P	102	S
Type	Power Type	Impedance	Tolerance: M : ± 20%
			S : ± 25%
			N : ± 30%

■ Outline Dimension:



Dimensions in mm

TYPE	A	B	C	D	E	F
SCM 5045P	5.0±0.3	4.5±0.3	2.5 max	1.6±0.3	1.4±0.3	

■ Specifications

P/N	Z(Ω)	Z(Ω)	DCR (Ω)	Idc(A)	Rated Voltage	Insulation Resistance	Withstanding Voltage
	Common Mode	Common Mode					
	Impedance at 10MHz	Impedance at 100MHz					
			[Max]	[Max]	Vdc (V)Typical	IR (MΩ)Min.	Vdc (V)Typical
SCM5045P-101	10 min	100 Typ.	0.009	6.0	50	10	125
SCM5045P-251	20 min	250 Typ.	0.014	5.0	50	10	125
SCM5045P-351	20 min	350 Typ.	0.014	4.5	50	10	125
SCM5045P-501	30 min	500 Typ.	0.019	4.0	50	10	125
SCM5045P-102	60 min	1000 Typ.	0.024	3.0	50	10	125
SCM5045P-142	30 min	1400 Typ.	0.040	1.5	50	10	125

■ Operating temperature : -25 to +85°C

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

Typical Heat Rating DC Current would cause an approximately ΔT of 40°C

■ PERFORMANCE CURVES

