



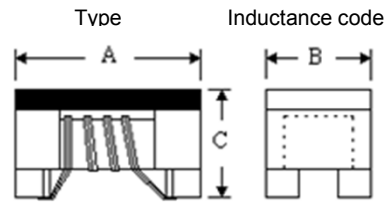
■ Features:

- 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

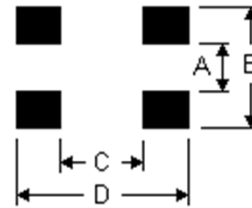
■ Parts code:



Dimensions in mm

TYPE	A	B	C	D	E
SCM-1608	1.6 ± 0.2	0.8 ± 0.2	1.1 ± 0.2	0.25	0.33
SCM-2012	2.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	0.40	0.45
SCM-3216	3.2 ± 0.2	1.6 ± 0.2	1.9 ± 0.2	0.60	0.6

■ Recommended Land Pattern:



Type	A	B	C	D
SCM-1608	0.3	0.8	0.9	2.2
SCM-2012	0.4	1.2	1.0	2.6
SCM-3216	0.4	1.6	1.6	3.7

■ Specifications

Impedance		SCM-1608			
		DCR	Rated DC Current	Rated Voltage	Withstanding Voltage
Code	(Ω)±25%	(Ω) Max	(mA)	(V)	(V)
SCM 1608-670	67	0.30	300	50	125
SCM 1608-900	90	0.30	300	50	125
SCM 1608-121	120	0.36	250	50	125
SCM 1608-161	160	0.40	200	50	125
SCM 1608-221	220	0.42	200	50	125

Impedance		SCM-2012			
		DCR	Rated DC Current	Rated Voltage	Withstanding Voltage
Code	(Ω)±25%	(Ω) Max	(mA)	(V)	(V)
SCM 2012-670	67	0.25	400	50	125
SCM 2012-900	90	0.35	400	50	125
SCM 2012-121	120	0.30	370	50	125
SCM 2012-161	160	0.30	370	50	125
SCM 2012-181	180	0.35	330	50	125
SCM2012-201	200	0.35	330	50	125
SCM 2012-261	260	0.40	300	50	125
SCM 2012-371	370	0.40	280	50	125

Impedance		SCM-3216			
		DCR	Rated DC Current	Rated Voltage	Withstanding Voltage
Code	(Ω)±25%	(Ω) Max	(mA)	(V)	(V)
SCM 3216-900	90	0.30	400	50	125
SCM 3216-121	120	0.35	370	50	125
SCM 3216-161	160	0.40	340	50	125
SCM 3216-261	260	0.50	310	50	125
SCM 3216-601	600	0.80	260	50	125
SCM 3216-102	1000	1.00	230	50	125
SCM 3216-222	2200	1.20	200	50	125

■ Operating temperature: -25°C ~ 85°C

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