



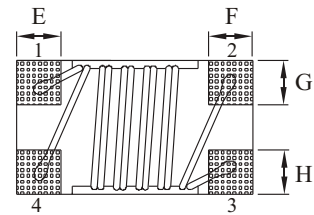
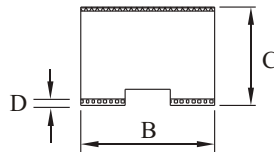
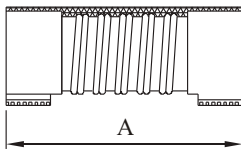
Features

- Common mode choke coil structure
- On-Board type EMI Suppression Filter
- Small size and low profile.
- High common mode impedance at high suppression performance
- Lead is not contained in the product

Applications

- Common mode noise suppression of signal lines in high speed and high density digital equipment such as personal computers and peripherals
- Ideal for use as common-mode chokes for USB1.1 USB2.0/IEEE1394 interface

► Dimensions & Configurations (Unit:mm)



Type	A±0.2	B±0.2	C±0.2	D±0.2	E(ref)	F(ref)	G(ref)	H(ref)
MSWC2012	2.0	1.2	1.2	0.2	0.5	0.45	0.4	0.4
MSWC3216	3.2	1.6	1.9	0.2	0.6	0.6	0.6	0.6
MSWC3225	3.2	2.5	2.7	0.2	0.6	0.9	0.9	0.9

► Electrical Characteristics For MSWC2012 Series

Part Number	Impedance [Ω] at 100MHz	DCR(max) [Ω]	IDC(max) [mA]	Rated Voltage Vdc [V]	With standing Voltage Vdc [V]	Insulation Resistance (min) [mΩ]
MSWC2012-670	67±25%	0.25	400	50	125	10
MSWC2012-900	90±25%	0.35	330	50	125	10
MSWC2012-121	120±25%	0.30	370	50	125	10
MSWC2012-181	180±25%	0.35	330	50	125	10
MSWC2012-261	260±25%	0.40	300	50	125	10
MSWC2012-371	370±25%	0.40	280	50	125	10

► Electrical Characteristics For MSWC3216 Series

Part Number	Impedance [Ω] at 100MHz	DCR(max) [Ω]	IDC(max) [mA]	Rated Voltage Vdc [V]	With standing Voltage Vdc [V]	Insulation Resistance (min) [mΩ]
MSWC3216-900	90±25%	0.30	370	50	125	10
MSWC3216-161	160±25%	0.40	340	50	125	10
MSWC3216-261	260±25%	0.50	310	50	125	10
MSWC3216-601	600±25%	0.80	260	50	125	10
MSWC3216-102	1000±25%	1.00	230	50	125	10
MSWC3216-222	2200±25%	1.20	200	50	125	10

► Electrical Characteristics For MSWC3225 Series

Part Number	Impedance [Ω] at 100MHz	DCR(max) [Ω]	IDC(max) [mA]	Rated Voltage Vdc [V]	With standing Voltage Vdc [V]	Insulation Resistance (min) [mΩ]
MSWC3225-800	80±25%	0.15	400	50	125	10
MSWC3225-161	160±25%	0.20	350	50	125	10
MSWC3225-271	270±25%	0.30	300	50	125	10
MSWC3225-271	1000±25%	0.50	200	50	125	10