

Features

- Small size and low profile.
- High common mode impedance at high suppression performance
- Excellent solder ability

General Specifications

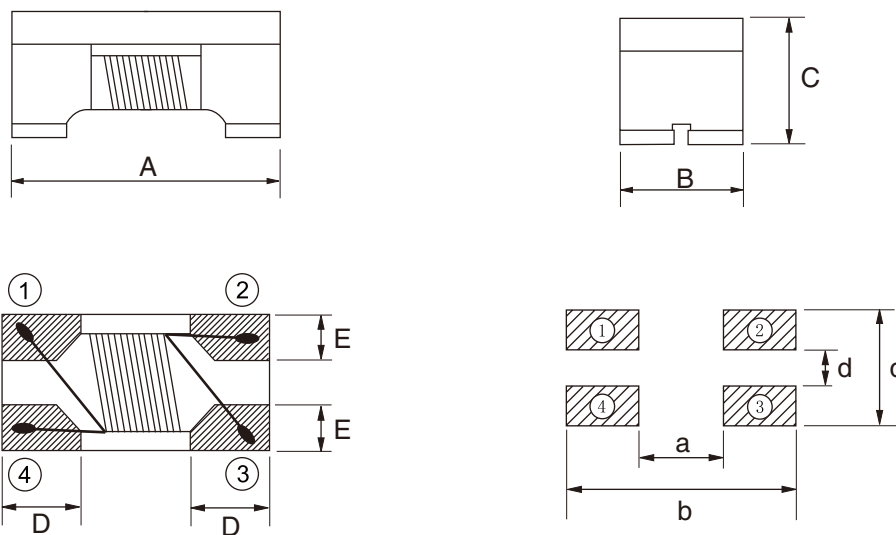
- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +85°C
- Temperature Rise: 40°C max. at IDC

Applications

- USB2.0 of IEEE1394, PC
- Power switch and servers
- LVDS lines of Note PC, LCD
- Audio lines



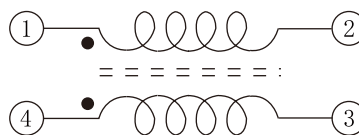
► Dimensions & Configurations (Unit:mm)



Recommend Land Pattern

Type	A±0.2	B±0.2	C±0.2	D(Typ)	E(Typ)	a	b	c	d
MSWC3216	3.2	1.6	1.8	0.6	0.6	2.2	3.7	1.6	0.5

► Schematic



Electrical Characteristics For MSWC3216 Series

Part Number	Impedance @100MHz (Ω) Tolerance(±25%)	DCR Max. (mΩ)	Idc Max. (mA)	Rated Voltage (V)	Insulation Resistance (MΩ) Min.
MSWC3216-500	50	250	400	50	10
MSWC3216-900	90	300	370	50	10
MSWC3216-161	160	400	340	50	10
MSWC3216-261	260	500	310	50	10
MSWC3216-601	600	800	260	50	10
MSWC3216-102	1000	1000	230	50	10
MSWC3216-222	2200	1200	200	50	10

Typical Impedance vs. Frequency

