

**HIGH FREQUENCY
COMMON MODE NOISE SUPPRESSION
MINIATURE SMD WIRE WOUND
SERIES MCM**

FEATURES

- Very effective for High Frequency Noise Suppression
- Suitable for noise suppression in signal cable
- Coil structure enables noise suppression without degrading the signal
- Small size and low profile
- Ideal for noise suppression of signal line in High Speed and High Frequency, High Density Digital Equipment

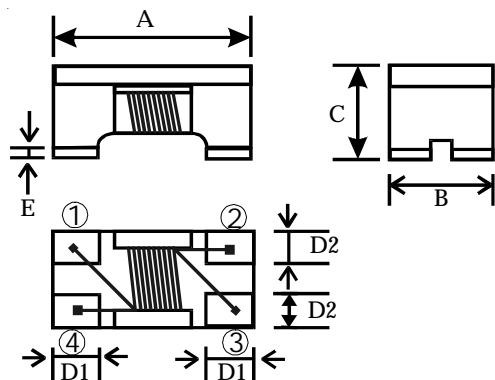
ELECTRICAL CHARACTERISTICS

- Impedance range 90 to 220
- Test frequency 100MHz
- Test equipment HP-4291A
- Rated current range 300mA to 400mA
- Rated voltage 50 Volts DC
- Withstand voltage 125 Volts DC
- Insulation resistance 10 Meg Ohms minimum

PHYSICAL CHARACTERISTICS

- Operating temp. -20°C to +105°C
- Construction Wire wound
- Terminals Silver plating
- Packaging Tape and reel
- Quantity per reel
0805 2000 pieces
1206 2000 pieces
- Tape & reel spec. 8 mm tape with 12 mm reel

DIMENSIONS IN MILLIMETERS

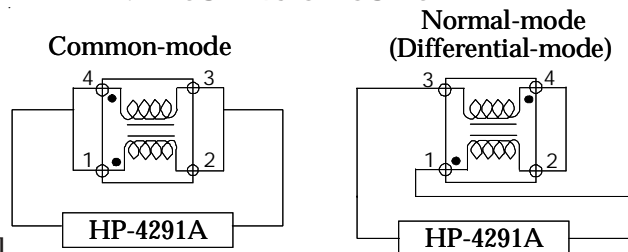


SIZES	A ± 0.2	B ± 0.2	C ± 0.2	D1 Nom.	D2 Nom.	E Nom.
0805	2.0	1.2	1.2	0.45	0.40	0.17
1206	3.2	1.6	2.0	0.60	0.60	0.17

SPECIFICATIONS

Part Number	Z (Ω) ± 25%	DCR max (Ω)	Rated Current (mA)
MCM0805-90	90	0.30	400
MCM0805-160	160	0.35	350
MCM0805-220	220	0.40	300
MCM1206-90	90	0.30	400
MCM1206-160	160	0.35	350
MCM1206-220	220	0.45	300

MEASURING CIRCUITS



TYPICAL Z VERSUS FREQUENCY CURVE

