

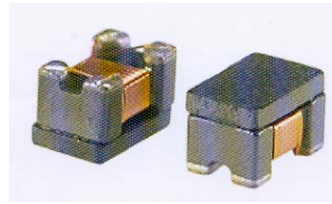
CMF2012F Series (Shielding Type)

FEATURES

- This common mode filter is characterized by its small sized
- Highly effective in noise suppression,High common mode impedance at signal band.
- Due to the low differential-mode impedance with high coupling factor, there is almost no distortion on high speed signal.
- This series is micro-produced by auto machines for its huge productivity and accuracy with all-day CCD inspection.
- This series is based on 2-line type. The 3- line type filter will be under development.

APPLICATIONS

- Used for noise suppression in any electronic. Devices such as personal computer and peripheral equipment (USB), amusement equipment (IEEE 1394), LCD panels (LVDS) etc.



PRODUCT IDENTIFICATION

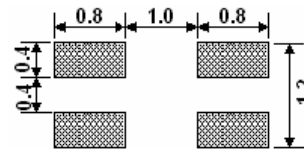
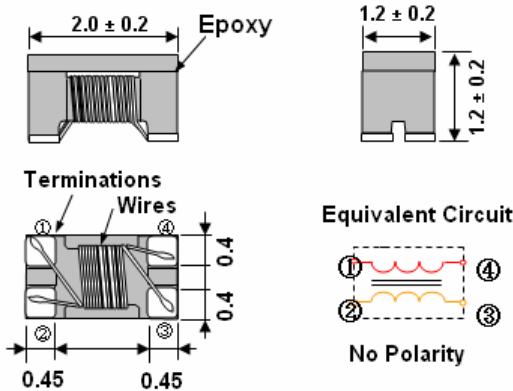
CMF 2012 F - 900 - 2P - E

- (1) (2) (3) (4) (5) (6)
- (1) Common mode filter
- (2) Shapes and dimensions
- (3) with I core Shielding Type
- (4) Impedance 【 at 100MHz】 121 : 120Ω
- (5) Number of Line 2P : 2-Line
- (6) Lead free , RoHS compliant.



SHAPES AND DIMENSIONS (mm)

RECOMMENDED FOOTPRINT



Our Product Part Number	Common-Mode Impedance Z(Ω) at 100MHz	DC Resistance Rdc(Ω) Max.	Rated Current Idc(mA) Max.	Rated Voltage Vdc(V)	Withstanding Voltage Vdc(V)	Insulation Resistance (mΩ)Min.
CMF2012F-670-2P-E	67 ±25%	0.25	400	50	125	10
CMF2012F-900-2P-E	90 ±25%	0.35	330	50	125	10
CMF2012F-121-2P-E	120±25%	0.30	370	50	125	10
CMF2012F-161-2P-E	160±25%	0.35	340	50	125	10
CMF2012F-181-2P-E	180±25%	0.35	330	50	125	10
CMF2012F-221-2P-E	220±25%	0.35	330	50	125	10
CMF2012F-201-2P-E	200±25%	0.35	330	50	125	10
CMF2012F-261-2P-E	260±25%	0.40	300	50	125	10
CMF2012F-371-2P-E	370±25%	0.40	280	50	125	10
CMF2012F-601-2P-E	600±25%					

MTC

CMF2012F-Characteristics (Impedance vs. Frequency)

