

**CMF3216F Series (Shielding Type)**

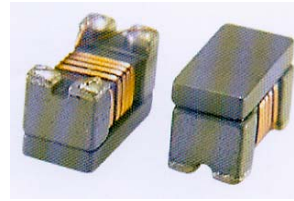


**FEATURES**

- 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.



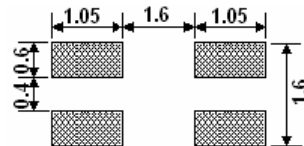
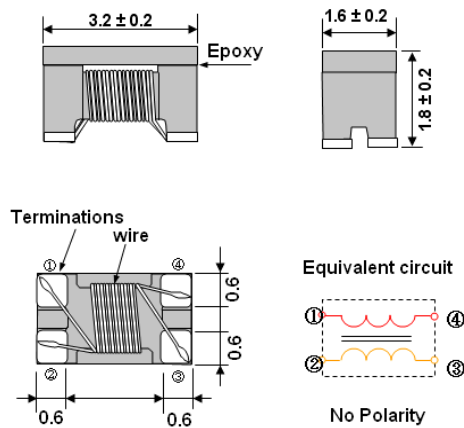
**PRODUCT IDENTIFICATION**

**CMF 3216 F - 900 - 2P - E**

- (1) (2) (3) (4) (5) (6)
- (1) Product name
  - (2) Shapes and dimensions
  - (3) Shielding Type
  - (4) Impedance 【 at 100MHz】 900 : 90Ω
  - (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.
CMF3216F-900-2P-E	90 ±25%	0.30	370	50	125	10
CMF3216F-121-2P-E	120 ±25%	0.30	370	50	125	10
CMF3216F-161-2P-E	160 ±25%	0.40	340	50	125	10
CMF3216F-181-2P-E	180 ±25%	0.40	340	50	125	10
CMF3216F-221-2P-E	220 ±25%	0.50	310	50	125	10
CMF3216F-261-2P-E	260±25%	0.50	310	50	125	10
CMF3216F-361-2P-E	360±25%	0.50	280	50	125	10
CMF3216F-601-2P-E	600±25%	0.80	260	50	125	10
CMF3216F-102-2P-E	1000±25%	1.00	230	50	125	10
CMF3216F-222-2P-E	2200±25%	1.20	200	50	125	10

# CMF3216F-Characteristics (Impedance vs. Frequency)

