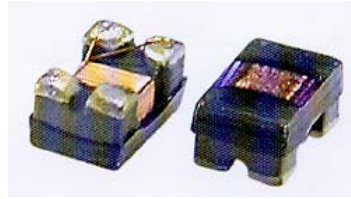


CMF2012 Series (UV Type)



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

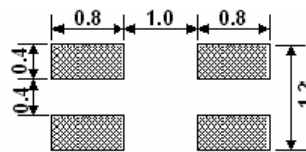
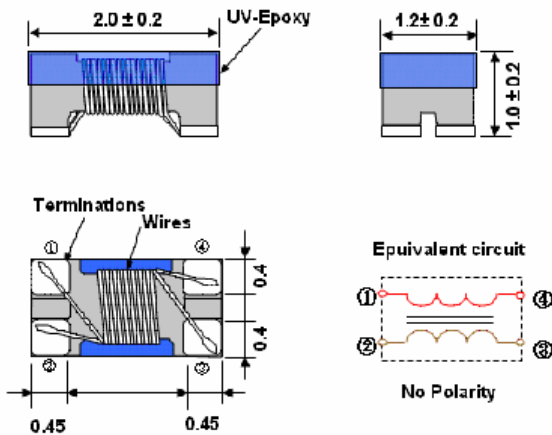
CMF 2012 - 900 - 2P - E

(1) (2) (3) (4) (5)

- (1) Product name
- (2) Shapes and dimensions
- (3) Impedance 【 at 100MHz】 121 : 120Ω
- (4) Number of Line 2P : 2-Line
- (5) Lead free , RoHS compliant.

SHAPES AND DIMENSIONS (mm)

RECOMMENDED FOOTPRINT

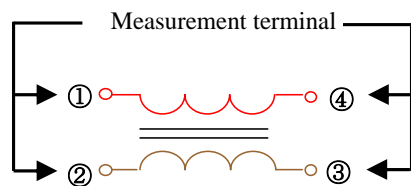


Our Product Part Number	Common-Mode Impedance Z(Ω) at 100MHz	DC Resistance Rdc(Ω) Max.	Rated Current Idc(mA) Max.	Rated Voltage Vdc(V)	Withstanding Voltage Vdc(V)	Insulation Resistance (mΩ)Min.
CMF2012-670-2P-E	67 ±25%	0.35	330	50	125	10
CMF2012-900-2P-E	90 ±25%	0.35	330	50	125	10
CMF2012-121-2P-E	120±25%	0.45	280	50	125	10
CMF2012-181-2P-E	180±25%	0.50	250	50	125	10

Test Equipment for CMF2012- Series

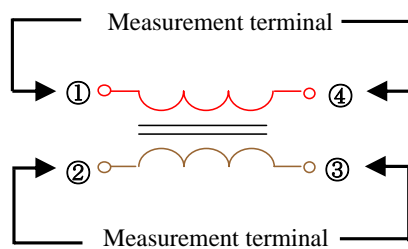
Impedance

Measured by using Agilent E4991A RF Impedance Analyzer.



DC Resistance

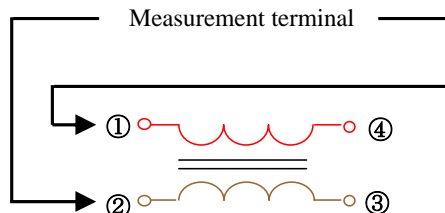
Measured by using Chroma 16502 mill ohm meter.



Insulation Resistance

Measured by using Chroma 19073

Measurement voltage : 50v ,Measurement time : 60 sec.



CMF2012-Characteristics (Impedance vs. Frequency)

