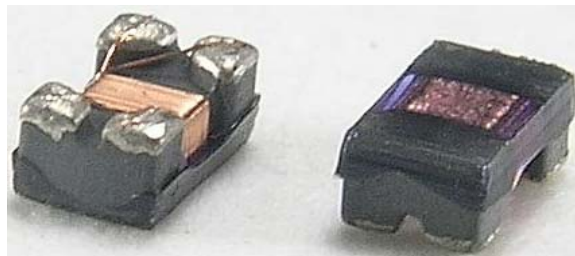


CMF2012 Series

Common Mode SMD Filter for Signal Line

FEATURES

- This common mode filter is characterized by its small sized
- Highly effective in noise suppression. High common-mode impedance at noise band and low differential-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.



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 - T

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

(1) Product name

(2) Shapes and Dimensions

(3) Impedance[at 100MHz]

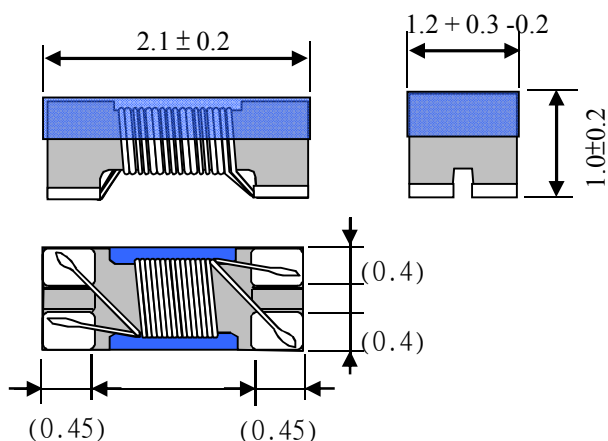
121:120Ω

(4) Number of line

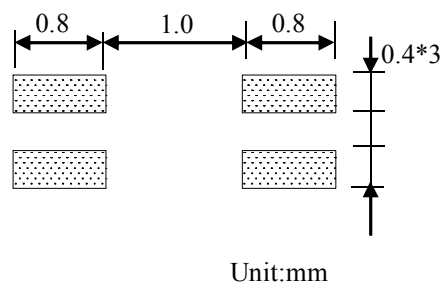
2P:2-Line

(5) Taping style

SHAPES AND DIMENSIONS



RECOMMENDED FOOTPRINT



ELECTRICAL CHARACTERISTICS

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

CMF2012 Series

Common Mode SMD Filter for Signal Line

Characteristics(Impedance vs. Frequency)

