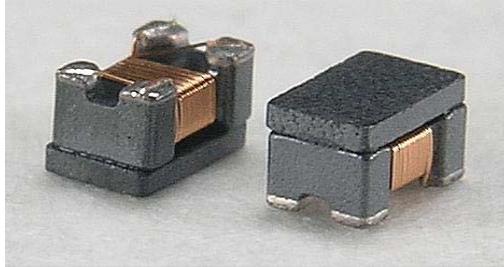

CMF2012H Series

Common Mode SMD Filter for Signal Line

FEATURES

- The broadband common mode filter is developed for high-speed differential signal interfaces such as HDMI.
- To make a great effect on EMC in the very high frequency, the cutoff frequency in differential mode is 6 GHz, and there is almost no distortion on high speed differential signal.



APPLICATIONS

- Used for digital visual interface (HDMI) or other high-speed differential signal interface.

PRODUCT IDENTIFICATION

CMF 2012 H3 - 900 - 2P - T

(1) (2) (3) (4) (5) (6)

(1) Product name

(2) Shapes and Dimensions

(3) Product identification number

(4) Impedance

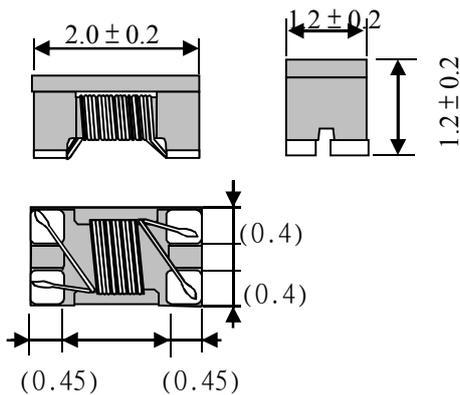
900: 90Ω

(5) Number of line

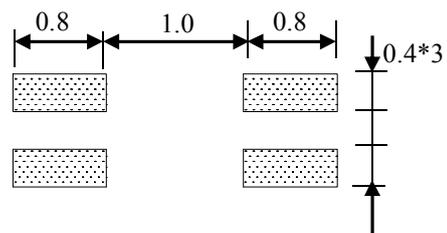
2P:2-Line

(6) Taping style

SHAPES AND DIMENSIONS



RECOMMENDED FOOTPRINT



Unit:mm

CMF2012H Series

Common Mode SMD Filter for Signal Line

ELECTRICAL CHARACTERISTICS

Our Product Part Number	Common-Mode Impedance $Z(\Omega)$ at 100MHz	DC Resistance $R_{dc}(\Omega)$ Max.	Rated Current $I_{dc}(mA)$ Max.	Rated Voltage $V_{dc}(V)$	Cut-off Frequency (GHz)Typ.	Insulation Resistance $(M\Omega)$ Min.
CMF2012H3-900-2P-T	65min. (90typ.)	0.25	300	20	6	10

Characteristics(Impedance vs. Frequency)

