

CHIP COMMON MODE FILTERS



CMV/H 2012 Series

❖ Features

- Effective for suppressing common mode at high frequency from several MHz to several hundreds MHz.
- CMV/H suppresses high frequency noise that was unable to be suppressed with existing common mode choke coils.
- Suitable for differential signal lines like USB

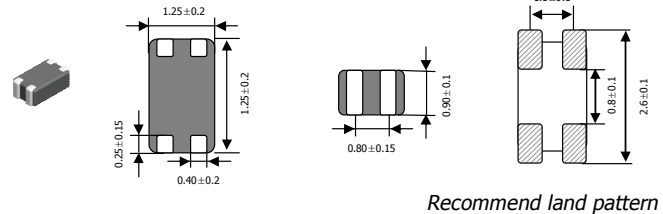
❖ Applications

- USB lines of PCs, peripheral equipment
- LVDS lines of Note-PCs, LCDs
- USB lines of digital AV equipment such as digital cameras

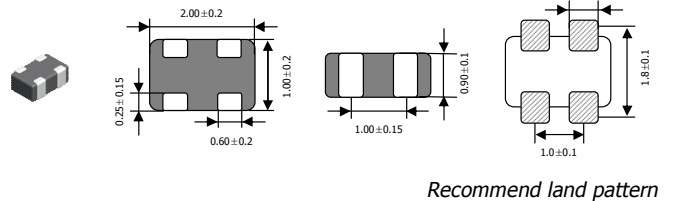
❖ Characteristics

❖ Dimensions & Land pattern

• Vertical type



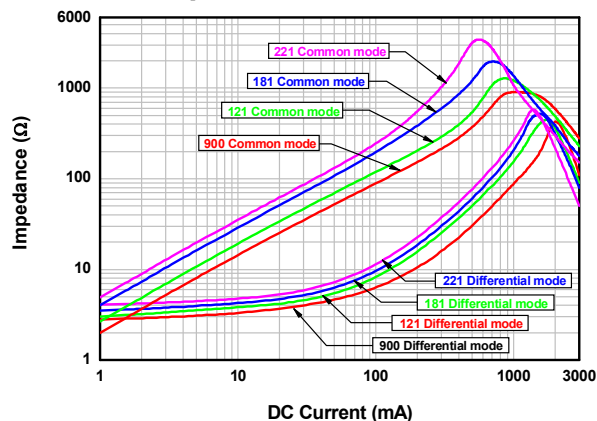
• Horizontal type



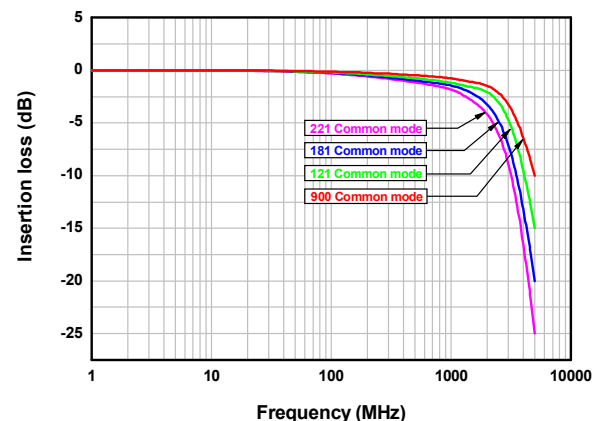
Part Number	Common mode Impedance [Ω] at 100MHz	Rated Current [mA]	Rated Voltage [V]	Insulation Resistance [$M\Omega$]
CM□2012GM700N2E	70	100	10	10
CM□2012GM900N2E	90	100	10	10
CM□2012GM121N2E	120	100	10	10
CM□2012GM181N2E	180	100	10	10
CM□2012GM221N2E	220	100	10	10

□ : V, vertical type / H, horizontal type

Impedance characteristics



Transmission characteristic



This description in the this catalogue is subject to change without notice