

MCCM Series
Multilayer Chip Common Mode Filter
Size 0605



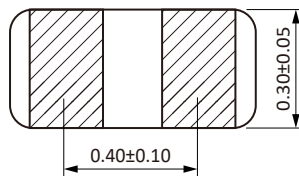
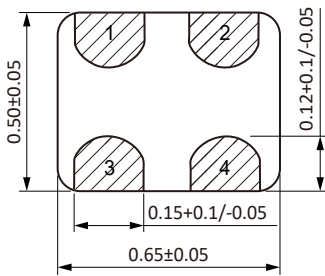
FEATURES

- Effective for suppressing common mode noise at high frequency.
- Excellent solderability characteristics.
- Small size & low profile.
- Multilayer type SMD component based on LTCC technology.
- Operating temperature: -40 to +85 °C

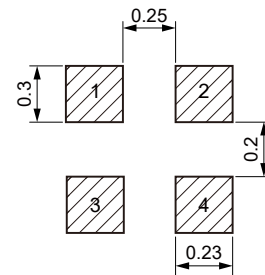
APPLICATION

- Common mode noise suppression of high speed differential signal lines, such as MIPI, MHL, HDMI, IEE802.3 in mobile phone, tablet PC, TV etc.

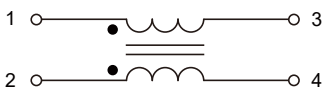
Dimensions: [mm]



Land Pattern: [mm]



Schematic:



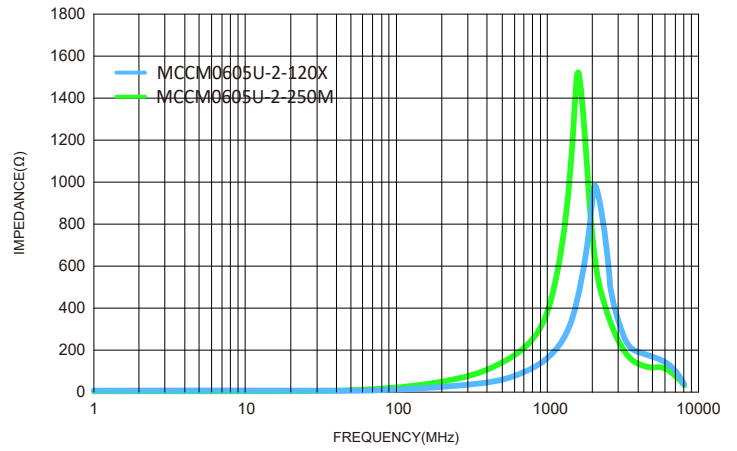
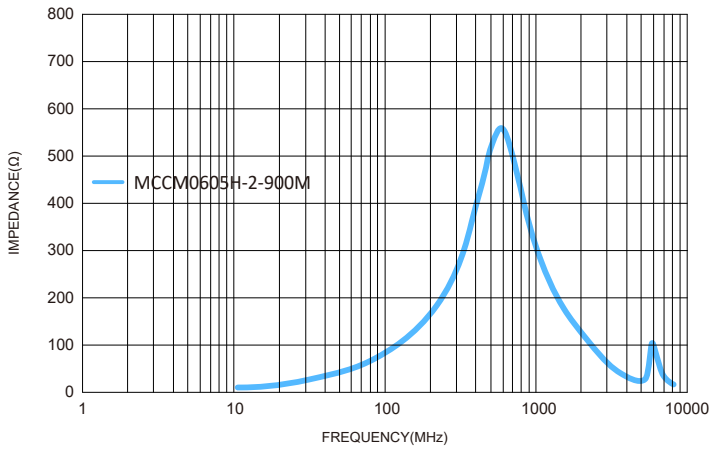
Electrical Properties:

Part No	Impedance @ 100MHz (Ω)	Tolerance	DC Resistance Max. (Ω)	Rated Current Max. (mA)	Rated Voltage (Volts)	Withstand Voltage (Volts)	Insulation Resistance Min. (MΩ)
MCCM0605H-2-900M	90	±20%	5.0	100	5	12.5	100

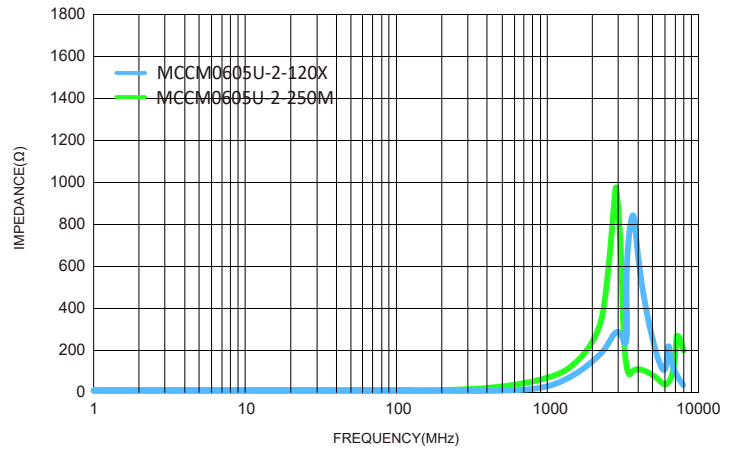
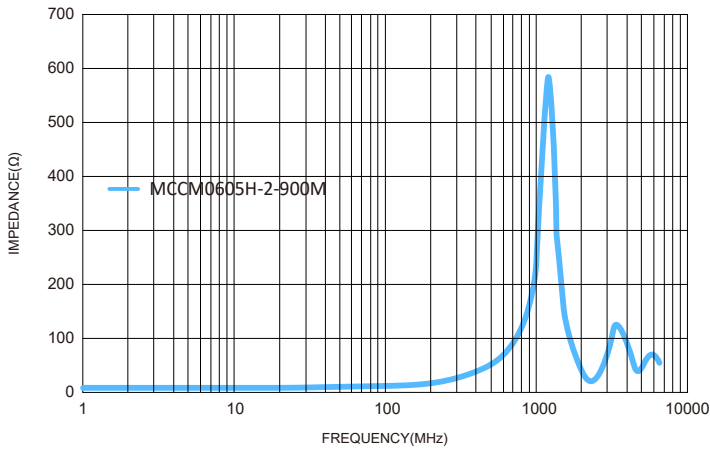
Part No	Impedance @ 100MHz (Ω)	Tolerance	DC Resistance Max. (Ω)	Rated Current Max. (mA)	Rated Voltage (Volts)	Withstand Voltage (Volts)	Insulation Resistance Min. (MΩ)
MCCM0605U-2-120X	12	±5 Ω	2.5	50	5	12.5	100
MCCM0605U-2-250M	25	±20%	3.5	50	5	12.5	100

Typical Electrical Characteristics:

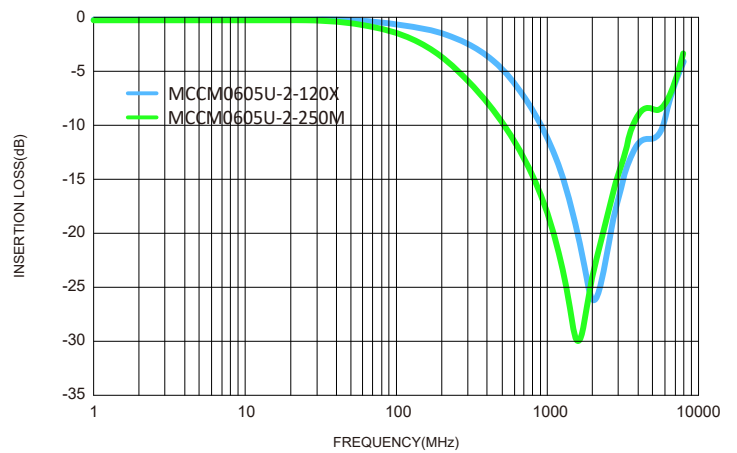
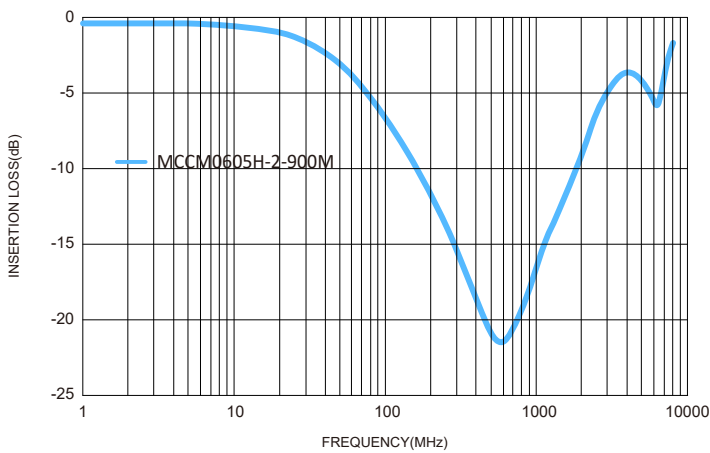
Impedance & Frequency Characteristics(Common):



Impedance & Frequency Characteristics(Differential):



Insertion loss & Frequency Characteristics(Common):



Typical Electrical Characteristics:

Insertion loss & Frequency Characteristics(Differential):

