MCCM Series

Multilayer Chip Common Mode Filter
Size 0806



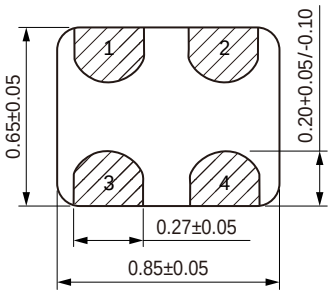
FEATURES

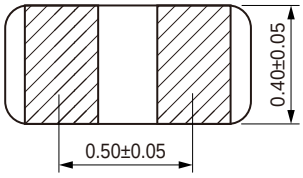
- E ec ve for suppressing common mode noise at high frequency.
- Excellent solderability characteris cs.
- Small size & low profile.
- Mul layer type SMD component based on LTCC technology.
- Opera ng temperature: -40 to +85 °C

APPLICATION

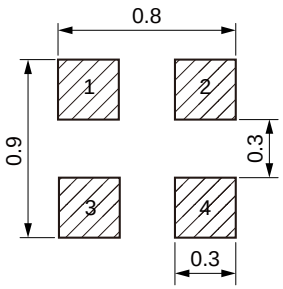
- Common mode noise suppression of high speed di eren al signal lines, such as MIPI, MHL, HDMI, IEE802.3 in mobile phone, tablet PC, TV etc.

Dimensions: [mm]

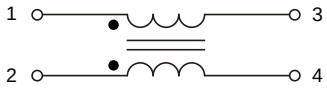




Land Pattern: [mm]



Schematic:



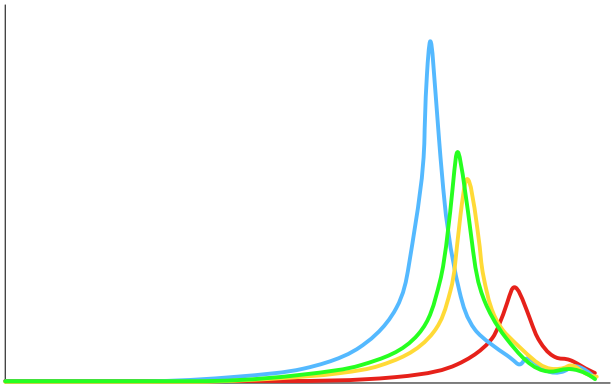
Electrical Properties:

Part No	Impedance @ 100M[illegible]	[illegible]olerance	DC Resistance Max.	Rated Current Max.	Resistance Min.	
MCCM0806U-2-120M	12	±5 Ω	2.5	130		
MCCM0806U-2-350M	35	±20%	3.5	100		
MCCM0806U-2-470M	47	±20%	4.0	100		
MCCM0806U-2-900M	90	±20%	4.5	100		

Part No	Impedance @ 100MHz	Tolerance	DC Resistance Max.	Rated Current Max.	Rated Voltage		Withstand Voltage
MCCM0806F-2-300M	30	±20%	3.0	100	5	10	12.5
MCCM0806F-2-900M	90	±20%	4.0	100	5	10	12.5
MCCM0806F-2-121M	120	±20%	4.0	100	5	10	12.5

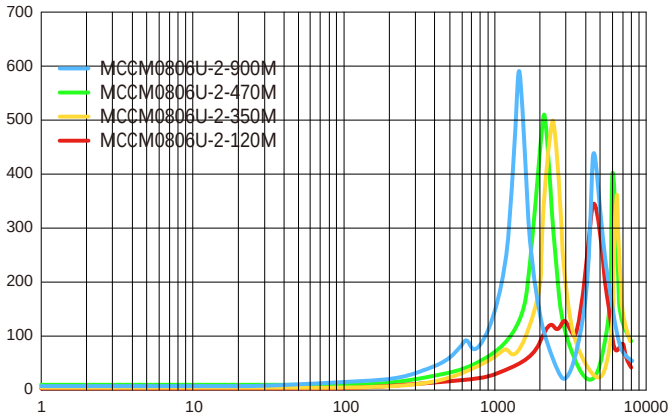
Part No	Impedance @ 100MHz	Tolerance	DC Resistance Max.	Rated Current Max.		Withstand Voltage
MCCM0806F-2-551M	550	±25%	10.0	50	10	12.5

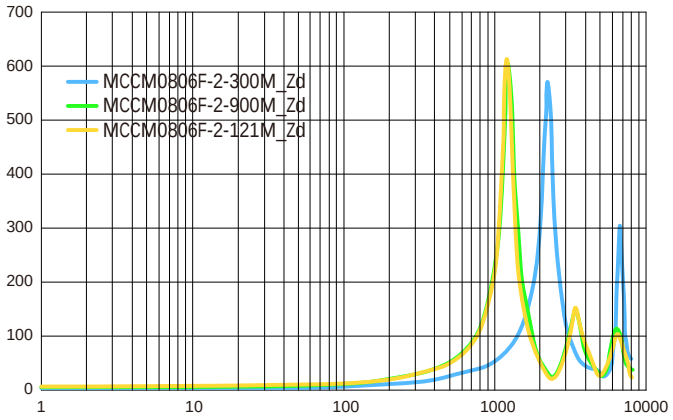
Typical Electrical Characteristics:

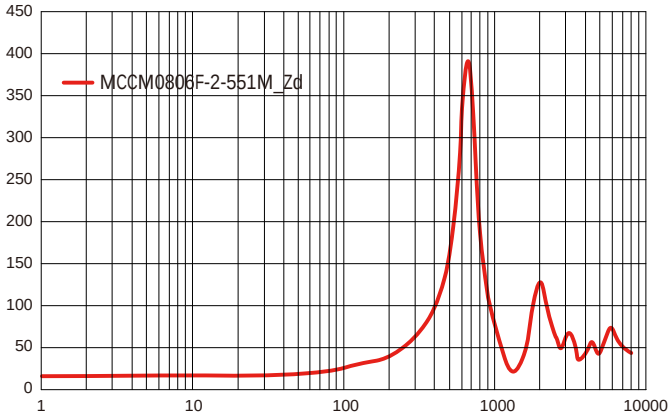


Typical Electrical Characteristics:

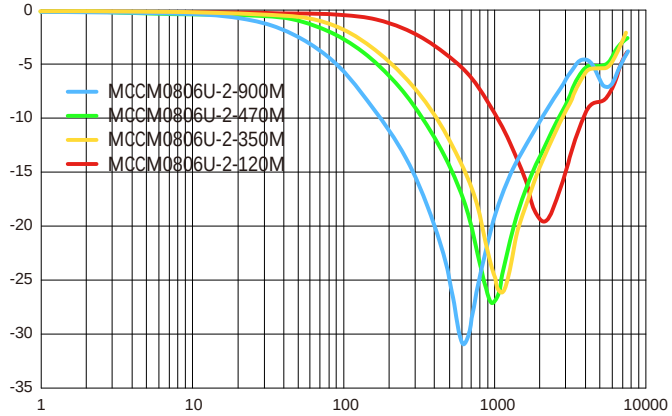
Impedance & Frequency Characteristics(Differential):

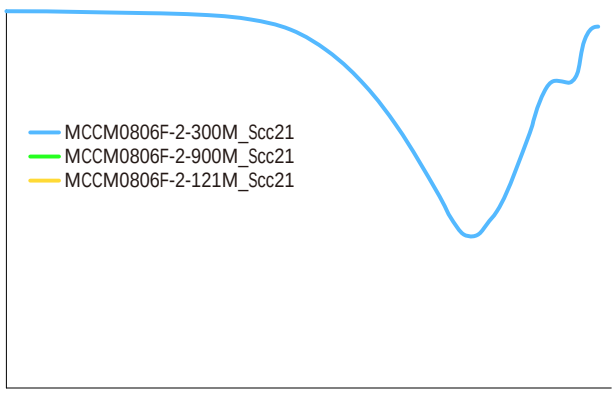






Insertion loss & Frequency Characteristics(Common):





Typical Electrical Characteristics:

