

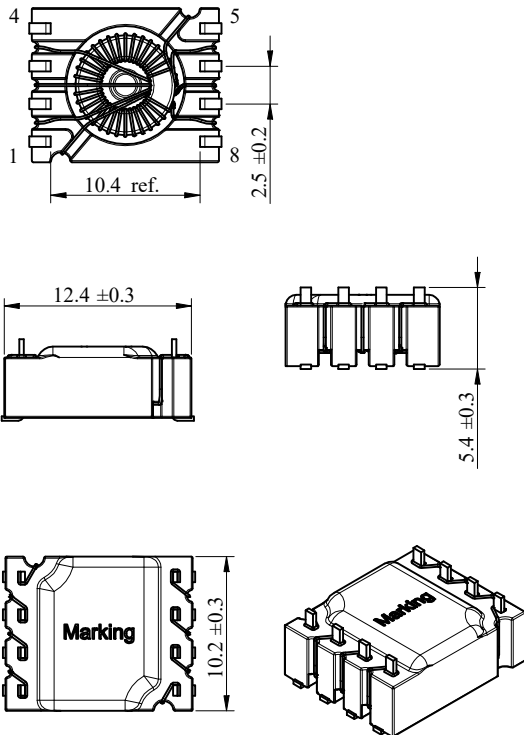
Common Mode Line Filter

CMF1210-350-00

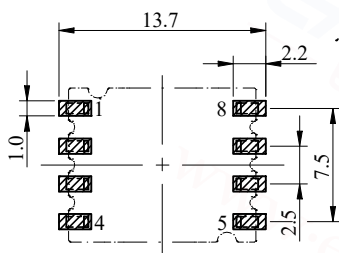
Replacement: Würth-744207

REV: 0

A. Dimensions (unit:mm)



Cosmetic Dimension



Recommended Land Pattern

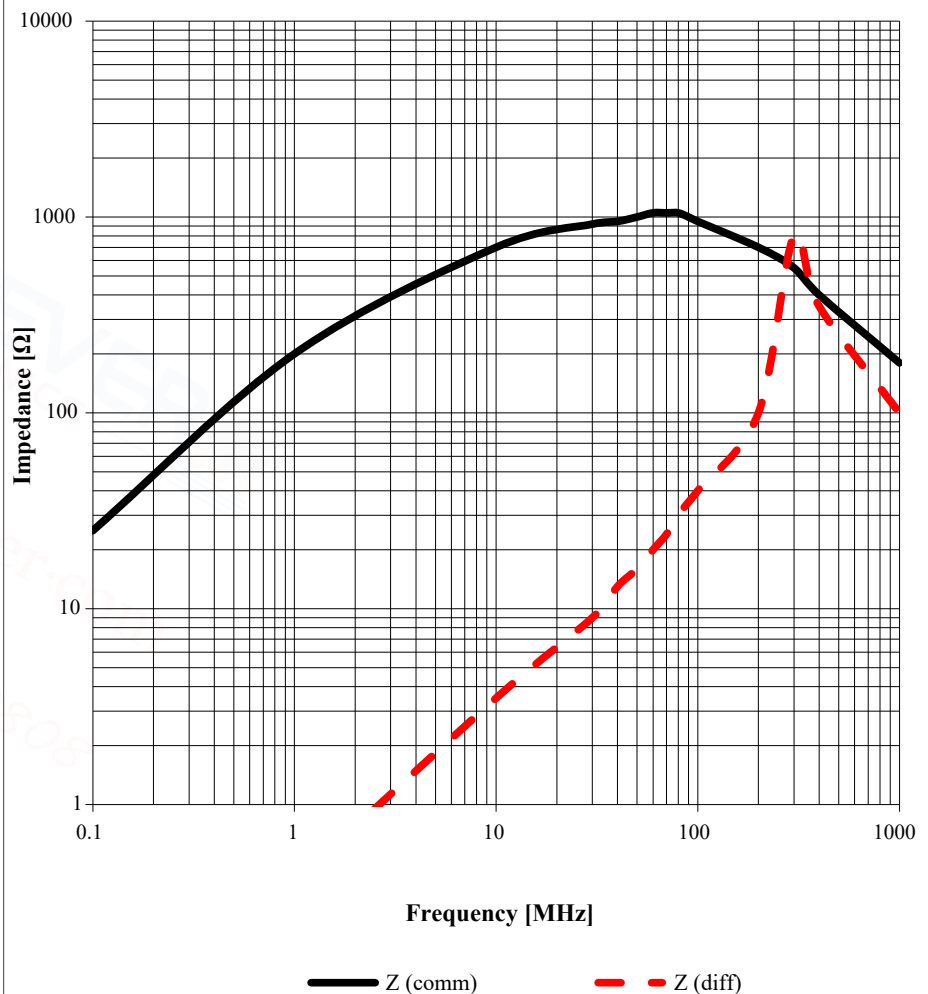
C. General Properties

Ambient Temperature (referring to IR)	-40 up to +85 °C
Operating Temperature	-40 up to +125 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently	

D. Electrical Properties

Properties		Test conditions	Value	Unit	Tol.
Number of windings	N		2		
Inductance	L	100 kHz/ 100 mV	35	μH	±35%
Maximum Impedance	Z _{max}		1100	Ω	max.
Rated Current	I _R	ΔT = 40 K	2700	mA	max.
DC Resistance	R _{DC}	@ 20 °C	0.035	Ω	max.
Leakage Inductance	L _S	1 MHz/ 1 mA	63	nH	typ.
Insulation Test Voltage	V _T		500	V (AC)	max.
Rated Voltage	V _R		80	V	max.

E. Typical Impedance Characteristics



B. Schematic

