



## MM1210 SERIES ~ Wire Wound Chip Common Mode Chokes



### FEATURES

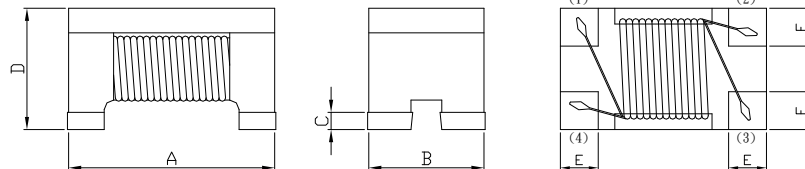
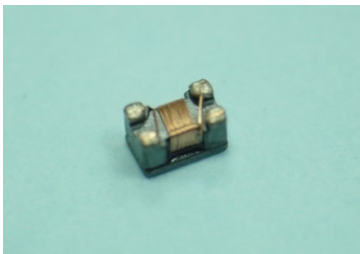
1. Excellent solder ability and resistance to soldering heat..
2. H Suitable for flow and reflow soldering.
3. Eliminates virtually all **common mode noise**
4. Supports **data rates up to 4.8 Gbit/s**
5. Optimized for **USB 3.0, HDMI, IEEE 1394** and LVDS applications

### PART NUMBERING SYSTEM

<b>MM</b>	<b>1210</b>	—	<b>600</b>	—	<b>LF</b>
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

### SHAPES AND DIMENSIONS

UNIT : mm



A=1.2±0.2 B=1.0±0.2 C=0.15Max. D=0.90Max. E = 0.33 Typ. F=0.36 Typ.

### SPECIFICATION TABLE

PART NUMBER	IMPEDANCE (at 100MHz/20 degree C) (Ω)	RATED CURRENT (mA)	DCR (Ω) (Max)	RATED VOLTAGE (Vdc)	INSULATION RESISTANCE (MΩ)	Cut-off Frequency (GHz)
MM1210-250-LF	25±25%	300	0.30	20	10 min.	7.5 Typ.
MM1210-400-LF	40±25%	300	0.35	20	10 min.	7.5 Typ.
MM1210-600-LF	60±25%	300	0.40	20	10 min.	7.5 Typ.
MM1210-900-LF	90±25%	280	0.50	20	10 min.	7.5 Typ.
MM1210-121-LF	120±25%	270	0.55	20	10 min.	6.0 Typ.
MM1210-9161-LF	160±25%	260	0.60	20	10 min.	6.0 Typ.

Operating Temperature Range : -40°C to +85°C Reel Qty : 3,000pcs



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### Impedance vs Frequency

