

TLCMI 2012 Series

Wire Wound Chip Common Mode Choke Coil

1. Feature

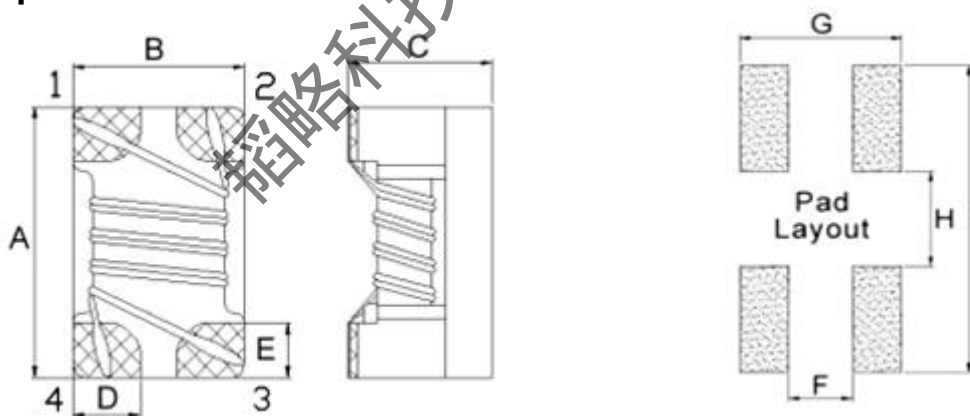
- Winding type realizes small size and low profile
- Prevention of common mode noise at high Frequency
- Excellent soldering heat resistance
- Operating Temp:-40°C +125°C

2. Application

- USB lines of PC, peripheral equipments, small digital AV equipment, etc
- LVDS lines of Note PC, LCD



3. Shape And Dimensions



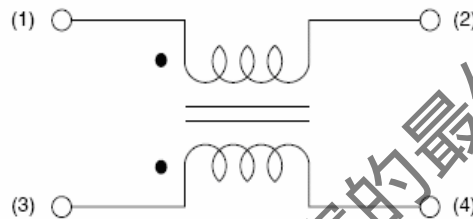
ITEM	A	B	C	D	E	F	G	H	I
DIM	2.0	1.2	1.2	0.5	0.5	0.4	1.3	0.8	2.6
TOLE	±0.2	±0.2	±0.2	Typ	Typ	Typ	Typ	Typ	Typ

4. Part Number System

TLCMI 2012 -2 -900 T F
 ① ② ③ ④ ⑤ ⑥

- ① Type:TLCMI
- ② External Dimensions (LxW) (mm):2012
- ③ Number of Lines:2
- ④ Impedance :900=90Ω
- ⑤ Packing : Tape & Reel
- ⑥ Hazardous Substance Free Products : F

5.E quivalent Circuit



6. Specifications

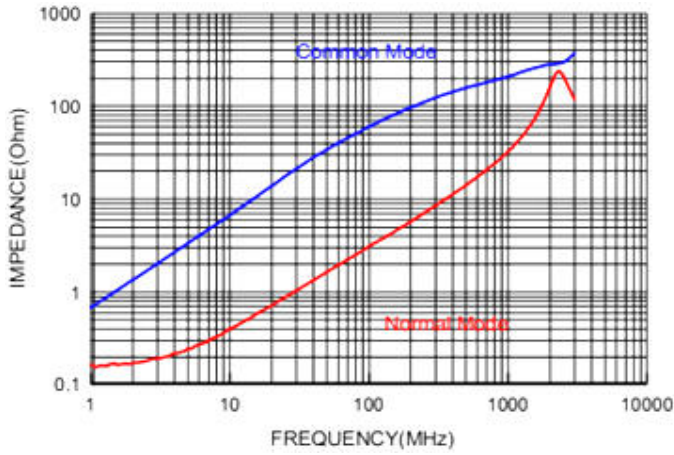
TLCMI2012 TYPE

Part Number	Common Mode Impedance @100MHz	Max. DC Resistance	Max. Rated Current	Rated Voltage	Min. Insulation Resistance
Units	Ω	Ω	mA	Volts	MΩ
Symbol	Z _c	DCR	I _r	V _{DC}	IR
TLCMI 2012-2-670TF	67±25%	0.25	400	50	10
TLCMI 2012-2-900TF	90±25%	0.30	370	50	10
TLCMI 2012-2-121TF	120±25%	0.30	370	50	10
TLCMI 2012-2-201TF	200±25%	0.40	300	50	10
TLCMI 2012-2-371TF	370±25%	0.45	280	50	10
TLCMI 2012-2-102TF	1000±25%	1.30	200	50	10

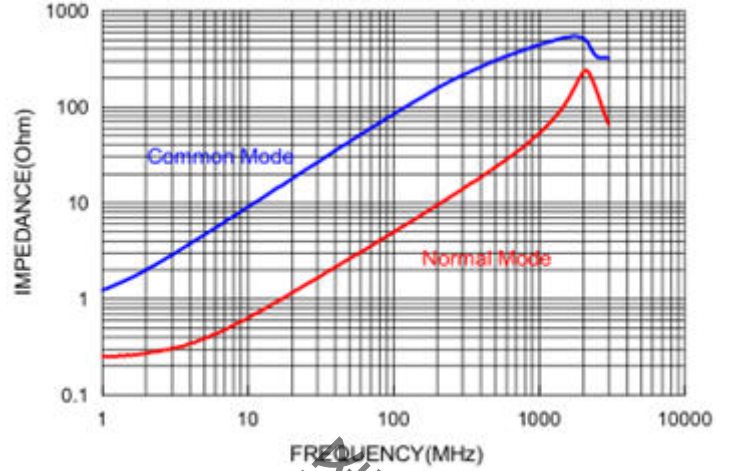
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -20°C up to +40°C, 75% RH max.

7. Typical Electrical Characteristics

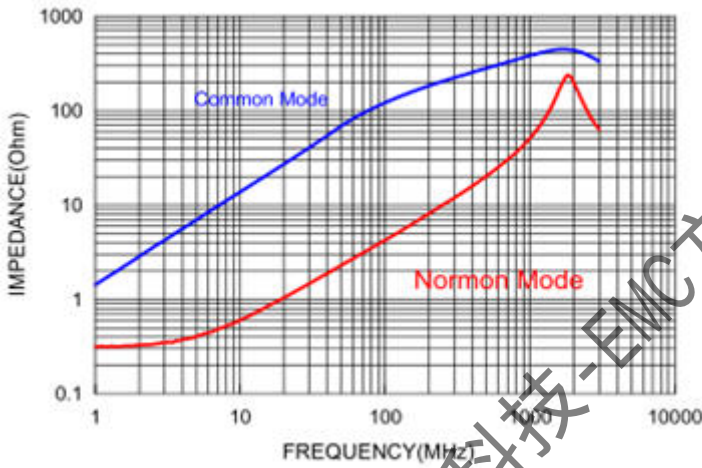
TLCMI2012-2-670TF



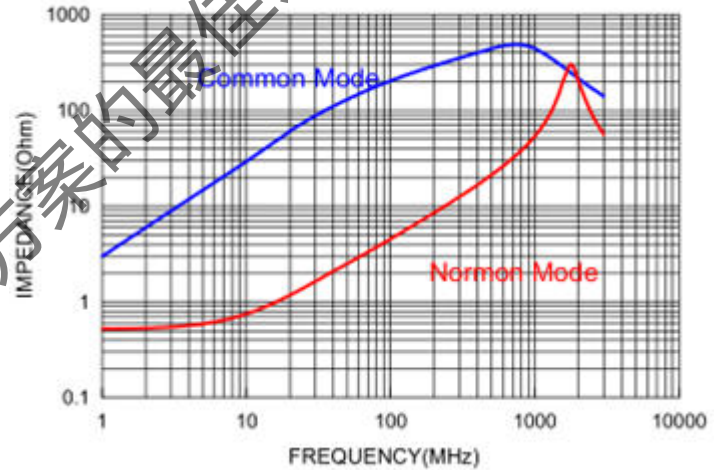
TLCMI2012-2-900TF



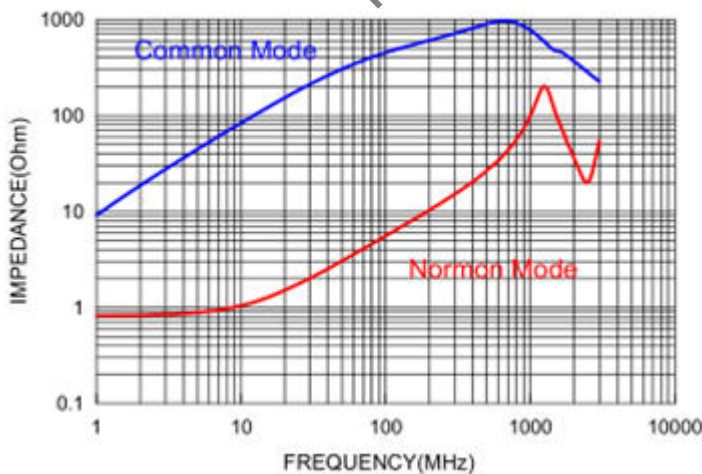
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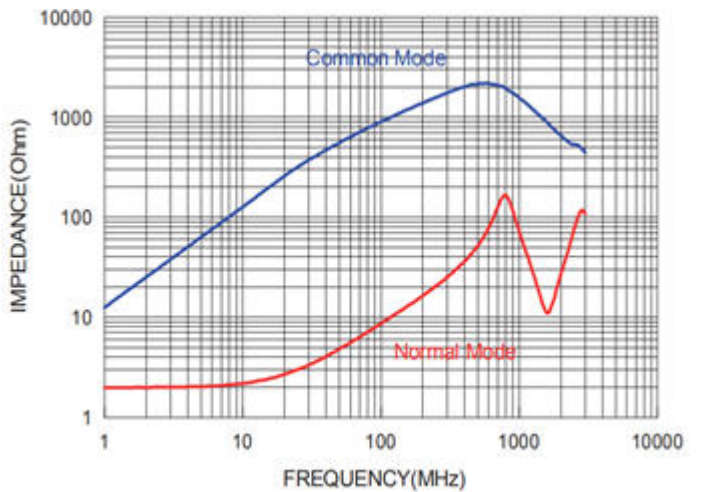
TLCMI2012-2-201TF



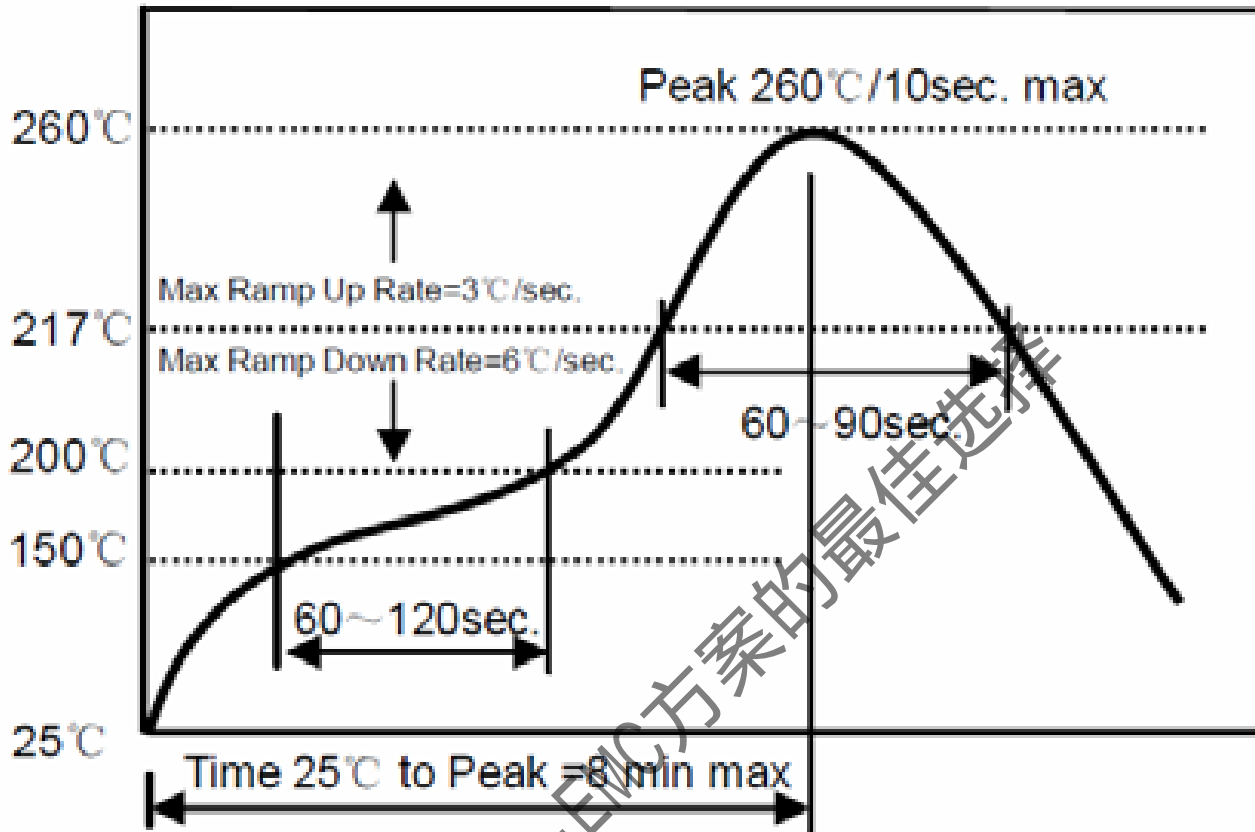
TLCMI2012-2-371TF



TLCMI2012-2-102TF



8. REFLOW PROFILE FOR SOLDER HEAT RESISTANCE



韬略科技-EMC方案的最佳选择

CONTACT INFORMATION

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