

TLCMI 3216 Series

Wire Wound Chip Common Mode Choke Coil

TOP-EMC

Features

- RoHS Compliant
- Miniature SMD type common mode filter for fully automated assembly.
- Wide impedance range ($90\Omega \sim 2200\Omega$) for noise suppression.
- Excellent soldering heat resistance
- Operating Temp: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$



Application

- USB line for personal computers and peripheral.
- IEEE 1394 line for personal computers, DVC, STB
- LVDS, panel line for liquid display panels, graph card, etc.

Part Number System

TLCMI 3216 -2 -601 T F
① ② ③ ④ ⑤ ⑥

① Type: TLCMI

② External Dimensions (L×W) (mm): 3216

③ Number of Lines: 2

④ Impedance : 601=600 Ω

⑤ Packing : Tape & Reel

⑥ Hazardous Substance Free Products : F

Specifications

TLCMI3216 TYPE

Part Number	Common Mode Impedance @100MHz	Max. DC Resistance	Max. Rated Current	Max.Rated Voltage	Min. Insulation Resistance
Units	Ω	Ω	mA	Volts	M Ω
Symbol	Z	DCR	I _r	V _{DC}	IR
TLCMI 3216-2-900TF	90±25%	0.30	370	50	10
TLCMI 3216-2-121TF	120±25%	0.30	350	50	10
TLCMI 3216-2-161TF	160±25%	0.40	340	50	10
TLCMI 3216-2-261TF	260±25%	0.50	310	50	10
TLCMI 3216-2-361TF	360±25%	0.60	300	50	10
TLCMI 3216-2-601TF	600±25%	0.80	260	50	10
TLCMI 3216-2-102TF	1000±25%	1.00	230	50	10
TLCMI 3216-2-222TF	2200±25%	1.20	200	50	10

(1).Rated Current: Temp.rise 40°C Typ

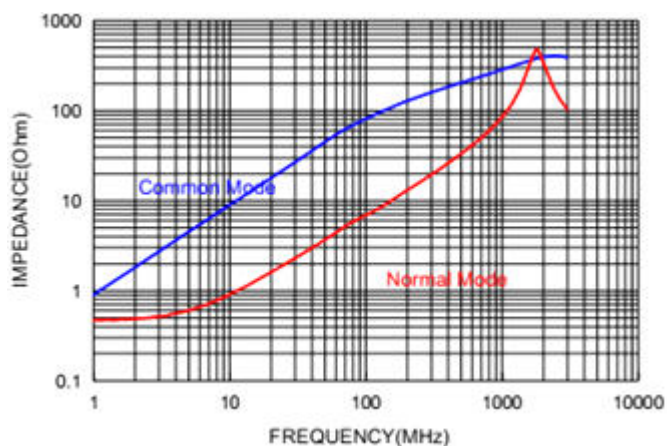
(2).Operating Temperature: -40°C up to +125°C

(3).Storage Temperature: -20°C up to +40°C, 75% RH max.

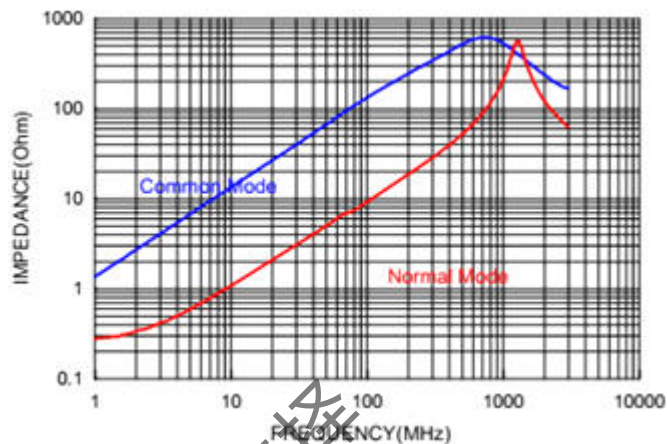
韬略科技-EMC方案的最佳选择

Typical Electrical Characteristics

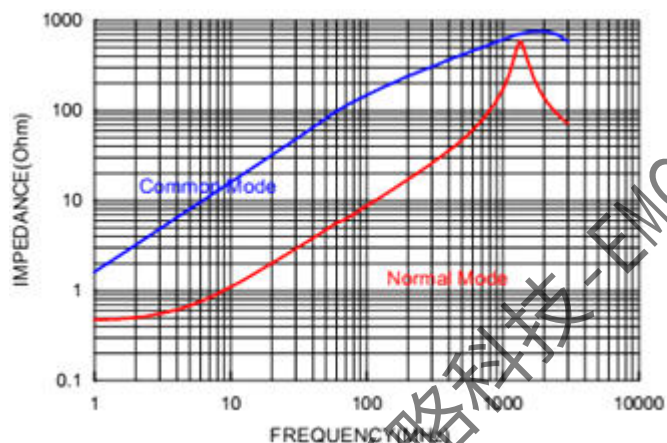
TLCMI 3216-2-900TF



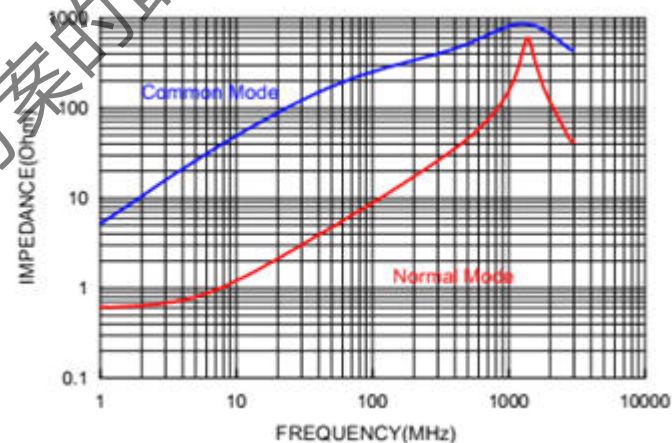
TLCMI 3216-2-121TF



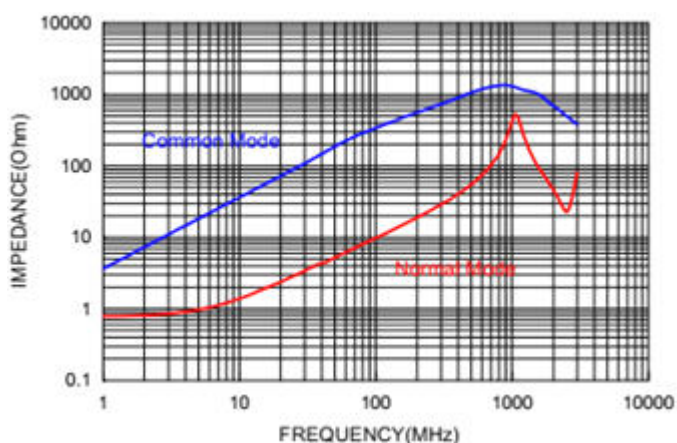
TLCMI 3216-2-161TF



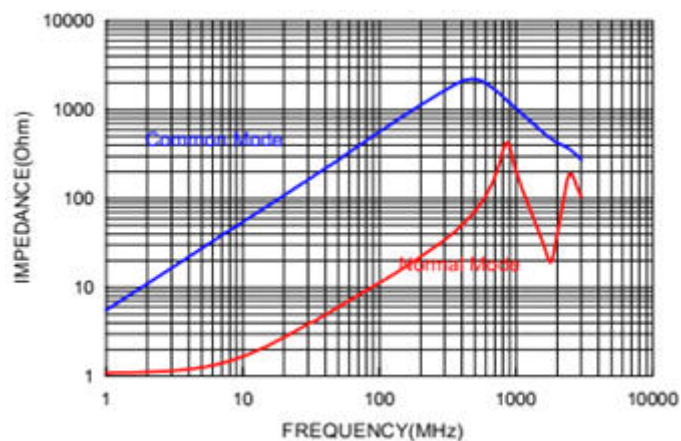
TLCMI 3216-2-261TF



TLCMI 3216-2-361TF

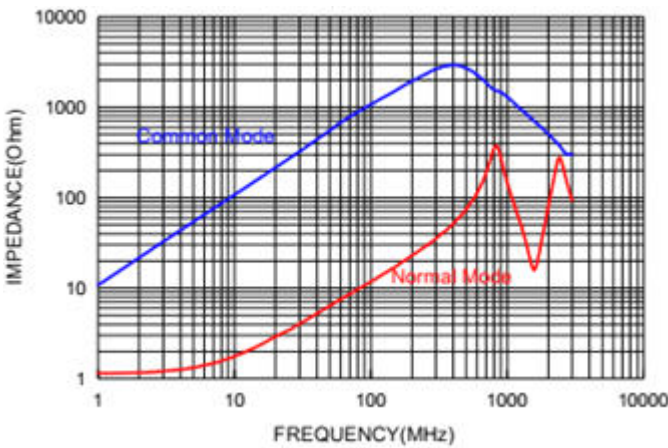


TLCMI 3216-2-601TF

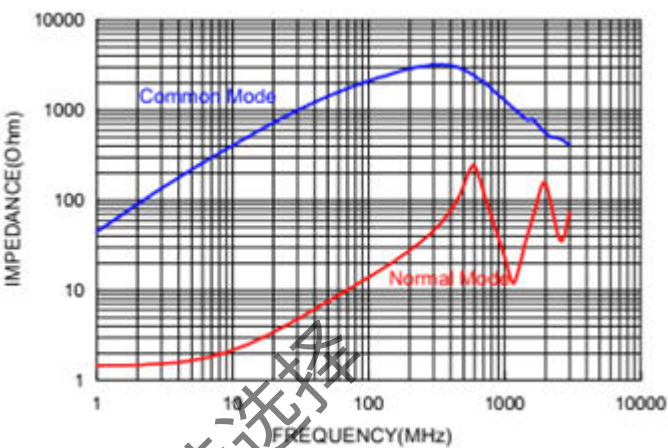


Typical Electrical Characteristics

TLCMI 3216-2-102TF

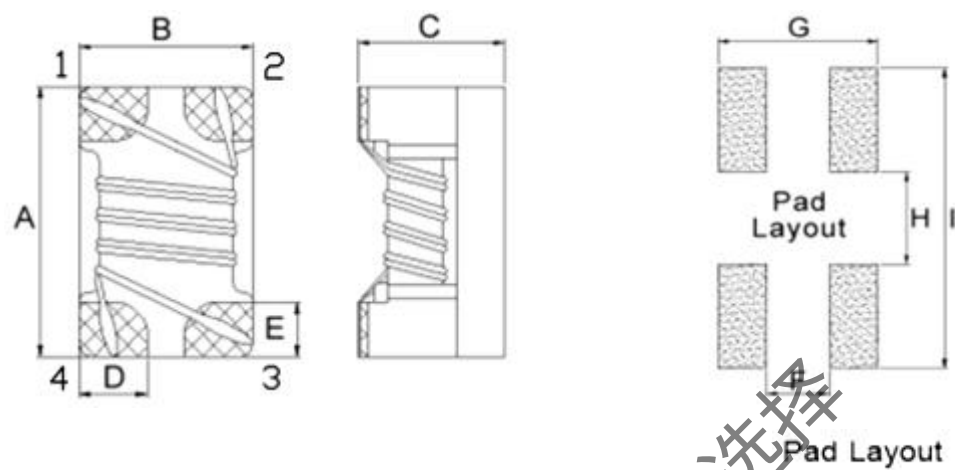


TLCMI 3216-2-222TF



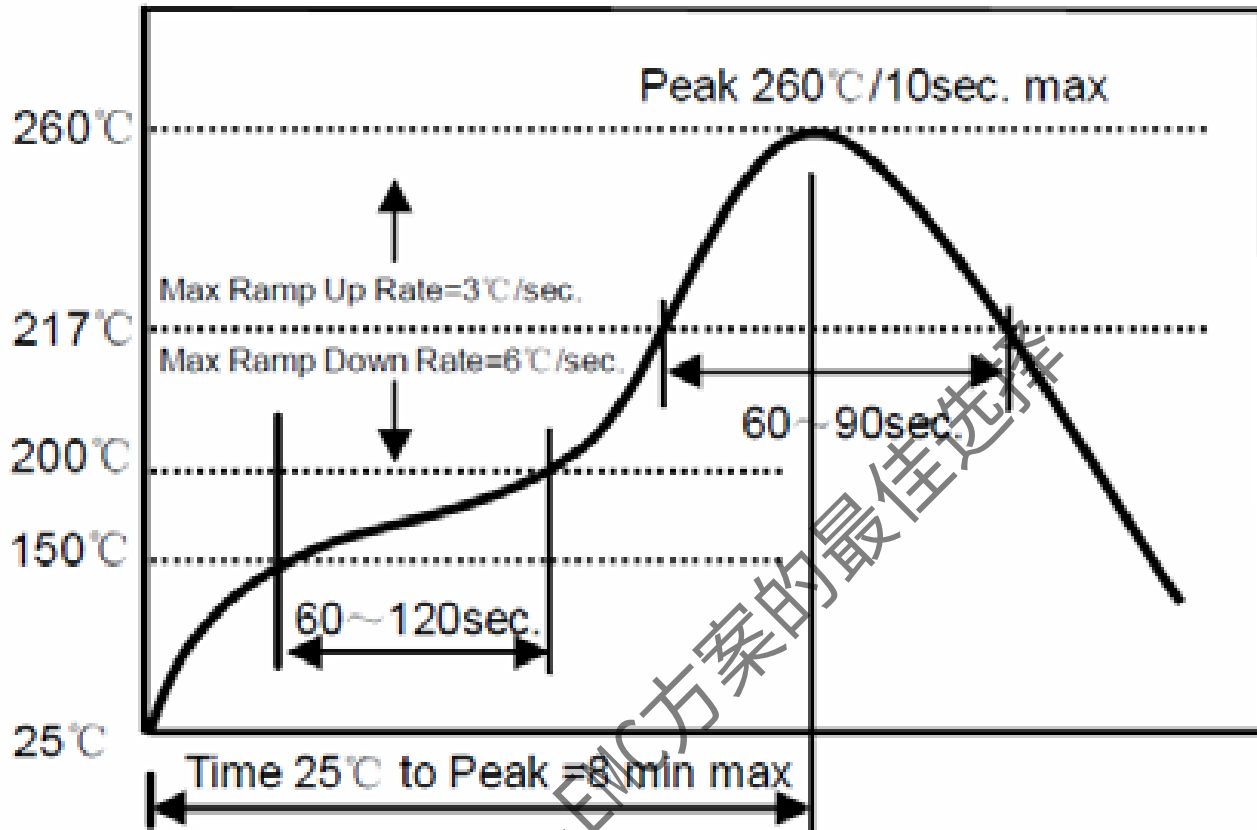
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Shape And Dimensions



ITEM	A	B	C	D	E	F	G	H	I
DIM	3.2	1.6	2.0	0.5	0.5	0.4	1.8	1.6	3.8
TOLE	±0.2	±0.2	±0.2	Typ	Typ	Typ	Typ	Typ	Typ

REFLOW PROFILE FOR SOLDER HEAT RESISTANCE



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