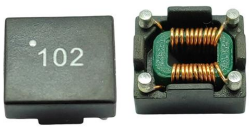
FEATURES



- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Low profile design makes it optimal for surface mounting.
- Operating temperature:-40℃ ~ +105℃.

APPLICATIONS

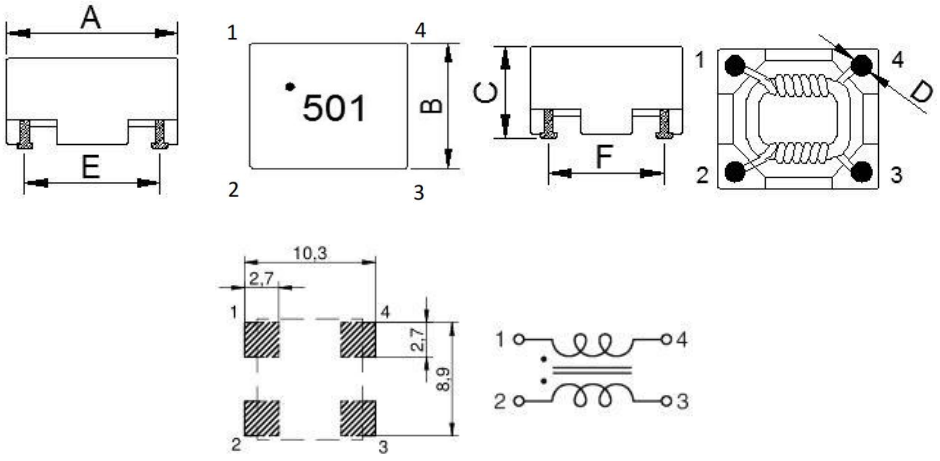
- Current compensated choke for data and signal lines.
- Power supply system.
- Signal and sensor lines.
- Suppression of common mode noise.

PRODUCT IDENTIFICATION

CMC	1005	S	102	T
(1)	(2)	(3)	(4)	(5)

(1) 系列名称 Series name
(2) 产品尺寸 Product dimensions
(3) 特性类别 Feature Type (S:Sectional Winding)
(4) 阻抗值 Impedance Value (100:10Ω，101:100Ω，102:1000Ω)
(5) 包装 Package(T:Tape&Reel 卷盘编带)

SHAPE AND DIMENSIONS



Series	A	B	C	D Typ.	E Typ.	F Typ.
CMC1005	9.5±0.3	8.3±0.3	5.3 Max.	Φ1.2	7.5	6.3.

Unit:mm

SPECIFICATIONS

CMC1005 Series

Part Number	Impedance (Ω@100MHz)	Inductance Typ. (μH@100KHz)	Leakage Inductance Typ.(nH@1MHz)	DCR Max. (mΩ)	Irms Max. (A)	Rated Voltage Typ. (Vdc)	Hi-Pot(Vdc) 1,4-2,3 3mA/1S
CMC1005S201T	200±25%	2	450	5.0	7.0	80	500
CMC1005S501T	500±25%	5	570	6.5	5.0	80	500
CMC1005S801T	800±25%	9	970	11	3.5	80	500
CMC1005S102T	1000±25%	11	1300	30	2.5	80	500
CMC1005S222T	2200±25%	30	3500	60	1.4	80	500

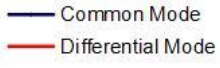
Note：

Winding Type: Sectional.

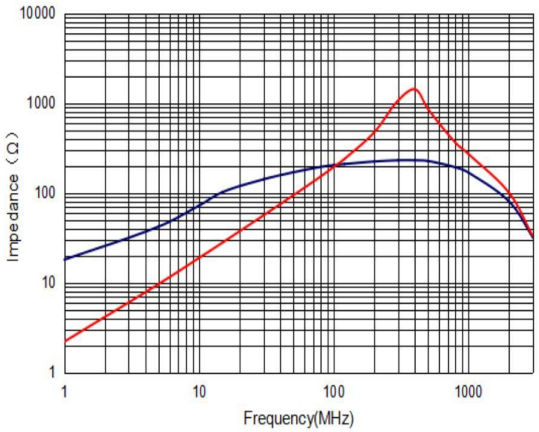
Irms: DC current that causes the temperature rise(ΔT=40℃) from 25℃ ambient.

CHARACTERISTICS CURVE

CMC1005 Series



CMC1005S201T



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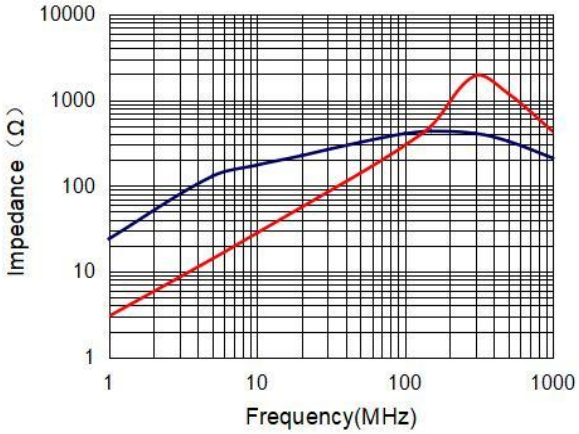

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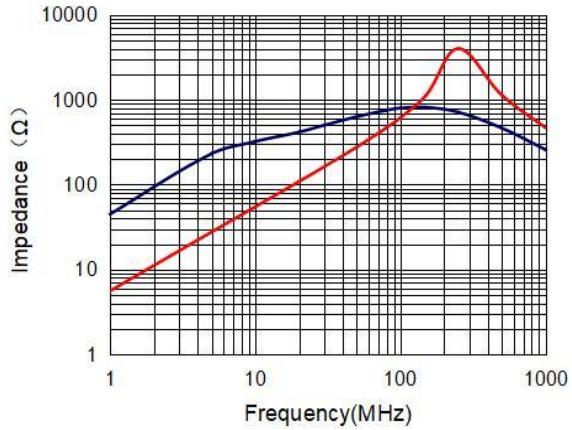
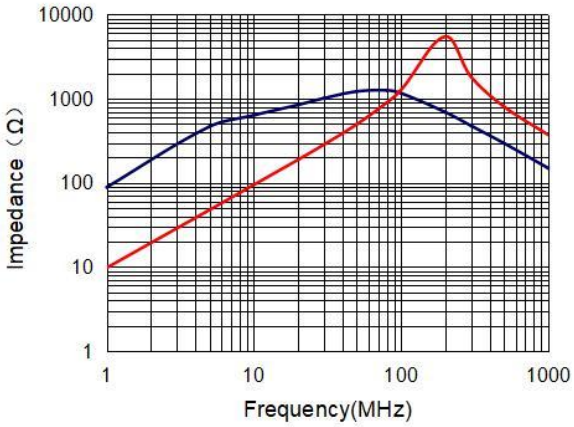


CMC1005S102T



CMC1005S222T