FEATURES

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Low profile design makes it optimal for surface mounting.
- Operating temperature:-40℃ ~ +85℃.

APPLICATIONS

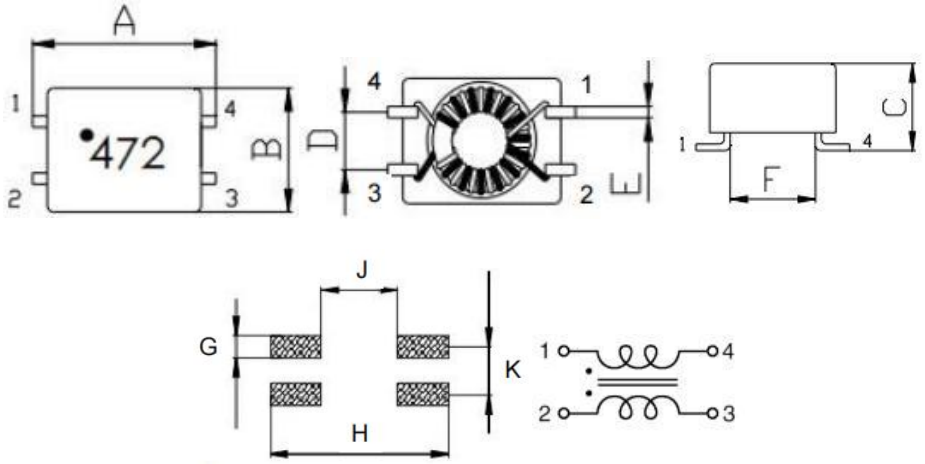
- USB
- CAN
- FireWire
- Signal and sensor lines
- Power supply systems
- Data lines
- Suppression of common mode noise

PRODUCT IDENTIFICATION

CMC	0904	S	100	T
(1)	(2)	(3)	(4)	(5)

(1) Series name
(2) Product dimensions
(3) Feature Type (S:Sectional Winding，B:Bifilar Winding)
(4) Inductance Value (100:10μH，101:100μH，102:1000μH)
(5) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS



Unit:mm

Series	A	B	C	D	E	F	G	H	J	K
CMC0904	9.5 Max	5.6 Max	5.2 Max	2.54±0.50	0.5 Typ.	5.5 Typ.	1.0 Typ.	10.5 Typ.	4.5 Typ.	2.54 Typ.

SPECIFICATIONS

CMC0904 Series

Part Number	Inductance (μH@100KHz)	Tolerance	Leakage Inductance Typ.(μH@100KHz)	DCR Max. (mΩ)	Irms Max. (A)	Impedance Min.(Ω)	Freq. Range (MHz)	Hi-Pot(Vdc) 1,4-2,3 3mA/3S
CMC0904B6R0T	6	+50%/-30%	0.03	100	2.50	300	20-300	500
CMC0904S100T	10	+50%/-30%	1.60	120	0.50	160	20-300	500
CMC0904B110T	11	+50%/-30%	0.08	120	0.50	160	20-300	500
CMC0904B250T	25	+50%/-30%	0.15	200	0.50	450	20-150	500
CMC0904S250T	25	+50%/-30%	1.50	200	0.50	450	20-150	500
CMC0904S400T	40	+50%/-30%	1.80	250	0.80	800	5-100	500
CMC0904B510T	51	+50%/-30%	0.20	300	0.50	800	20-100	500
CMC0904S510T	51	+50%/-30%	2.00	300	0.50	800	20-100	500
CMC0904B101T	100	+50%/-30%	0.25	100	0.50	600	3-20	500
CMC0904S101T	100	+50%/-30%	0.85	100	0.50	600	3-20	500
CMC0904B471T	470	+50%/-30%	0.28	280	0.50	1200	2-15	500
CMC0904S471T	470	+50%/-30%	0.75	280	0.50	1200	2-15	500
CMC0904S731T	730	+50%/-30%	0.65	255	0.80	1500	2-15	500
CMC0904B102T	1000	+50%/-30%	0.28	300	0.50	1800	1-10	500
CMC0904S102T	1000	+50%/-30%	0.60	300	0.50	1800	1-10	500
CMC0904B222T	2200	+50%/-30%	0.29	400	0.50	3000	0.8-5	500
CMC0904B272T	2700	+50%/-30%	0.30	280	0.40	1500	0.8-5	500
CMC0904B302T	3000	+50%/-30%	0.30	520	0.35	1500	0.8-5	500
CMC0904B472T	4700	+50%/-30%	0.30	700	0.20	5000	0.5-3	500

Note：

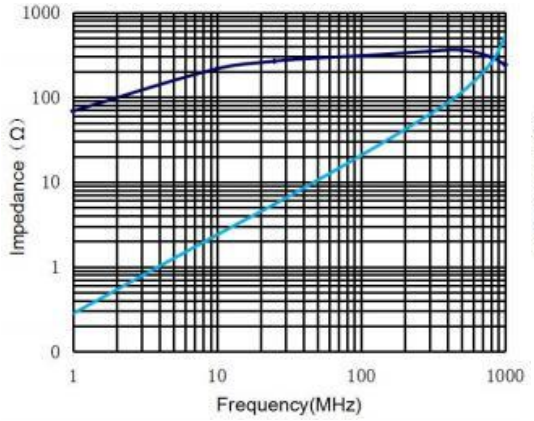
Winding Type: S:Sectional Winding，B:Bifilar Winding.

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

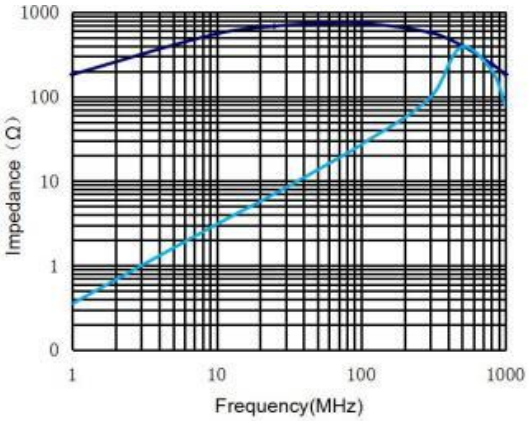
CHARACTERISTICS CURVE

CMC0904 Series

CMC0904B110T



CMC0904B/S250T



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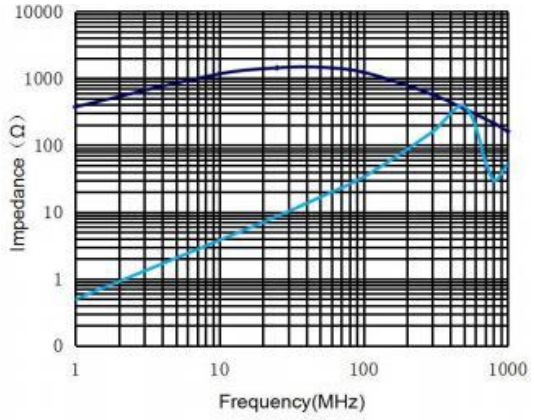

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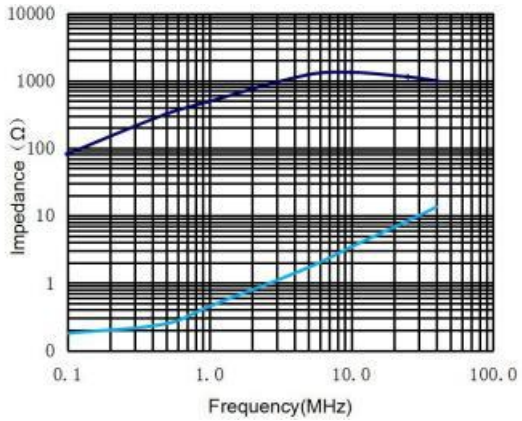

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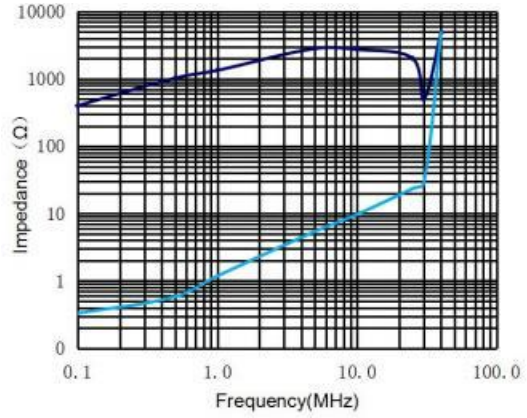

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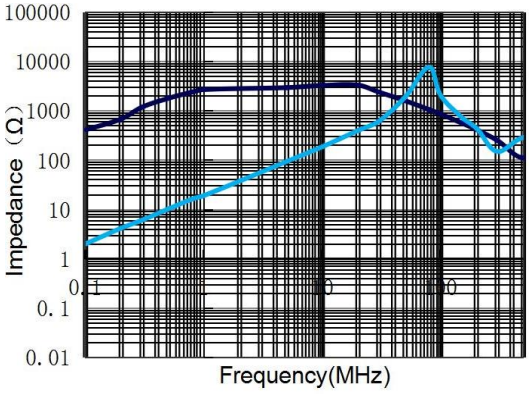
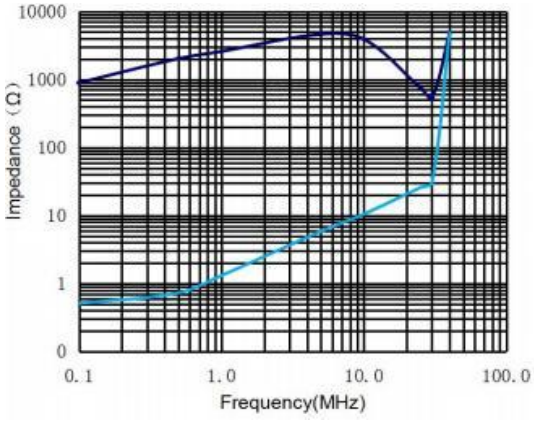


CMC0904B/S102T



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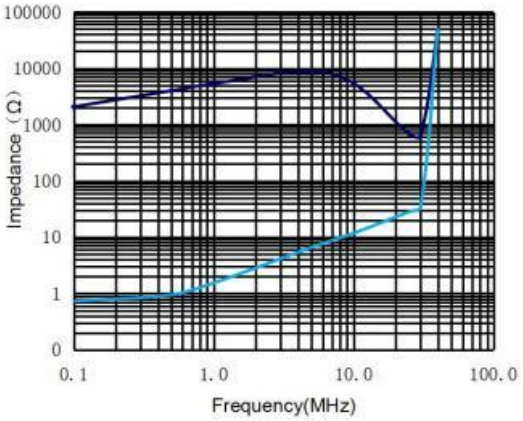
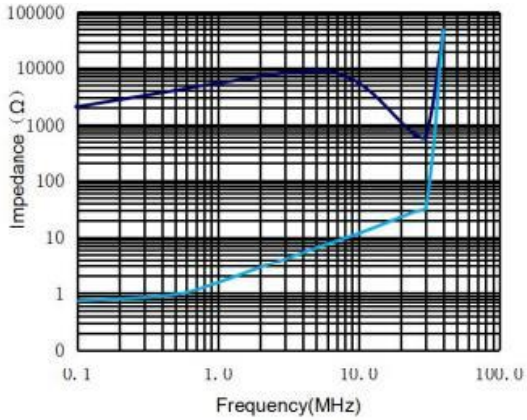


CMC0904B272T



CMC0904B472T