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

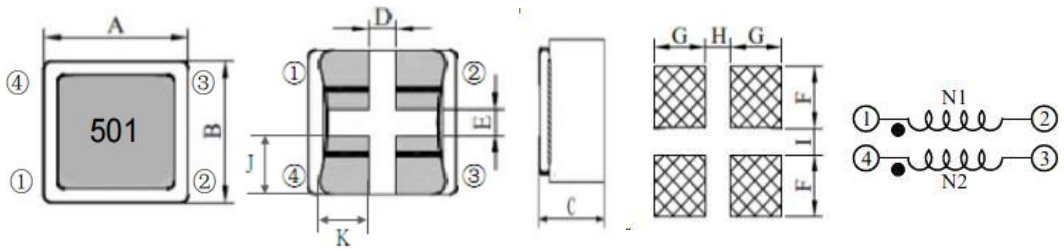
● Measures against common mode noise in power lines for various DC power lines, multimedia devices, and various electronic devices, including automotive power trains.

PRODUCT IDENTIFICATION

CMI 4532 S 101 T
(1) (2) (3) (4) (5)

(1) Series name
(2) Product dimensions
(3) Feature Type(S:Standard Type)
(4) Impedance Value (100:10Ω，101:100Ω，102:1000Ω)
(5) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS



Unit:mm

Series	A	B	C	D Ref	E Ref	J Ref	K Ref	F Rel	G Ref	H Ref	I Ref
CMI 5020	4.8±0.2	5.0±0.2	2.5Max.	1.1	1.5	1.9	1.4	2.3	1.6	0.8	1.0
CMI 5040	4.8±0.2	5.0±0.2	4.5Max.	0.8	1.0	1.9	1.4	2.3	1.6	0.8	1.0

SPECIFICATIONS

CMI 5020 Series

Part Number	Impedance Typ. (Ω@100MHz)	DCR Max. (mΩ)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (MΩ)
CMI5020S101T	100	13	5.5	50	10
CMI5020S251T	250	20	4.5	50	10
CMI5020S351T	350	20	3.5	50	10
CMI5020S501T	500	27	3.5	50	10
CMI5020S901T	900	34	1.6	50	10
CMI5020S102T	1000	34	1.6	50	10
CMI5020S142T	1400	56	1.2	50	10
CMI5020S152T	1500	56	1.2	50	10

CMI 5040 Series

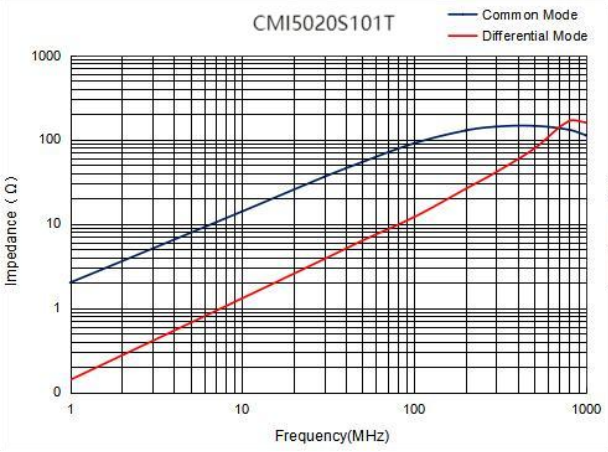
Part Number	Impedance Typ. (Ω@100MHz)	DCR Max. (Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (MΩ)
CMI5040S191T	190	0.02	5.0	50	10
CMI5040S351T	350	0.04	2.0	50	10
CMI5040S501T	500	0.30	1.5	50	10
CMI5040S102T	1000	0.06	1.3	50	10
CMI5040S152T	1500	0.10	1.0	50	10
CMI5040S302T	3000	0.20	0.5	50	10

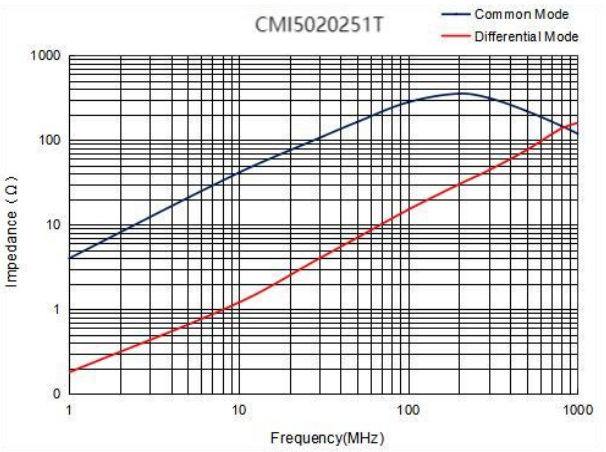
Note：

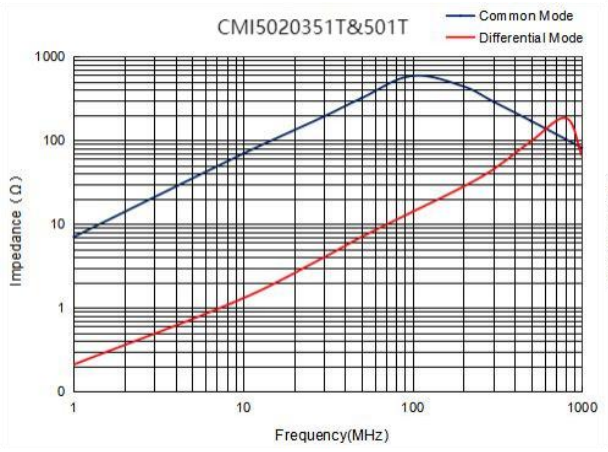
Irms: DC current that causes the temperature rise(ΔT=40℃) from 25℃ ambient.

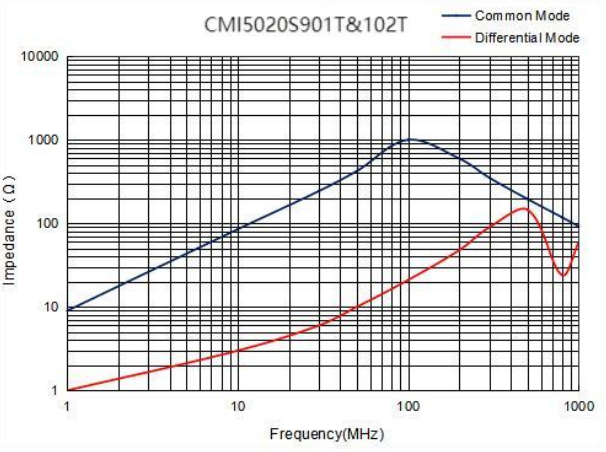
CHARACTERISTICS CURVE

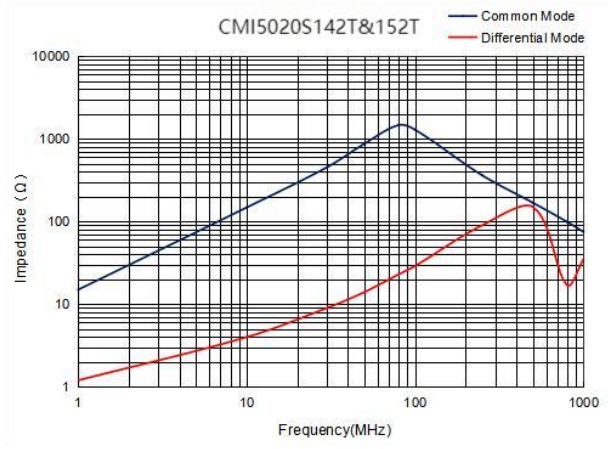
CMI 5020 Series





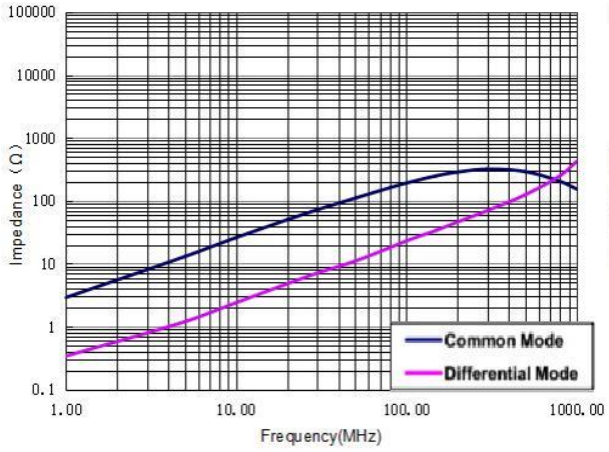






CMI 5040 Series

CMI5040S191T



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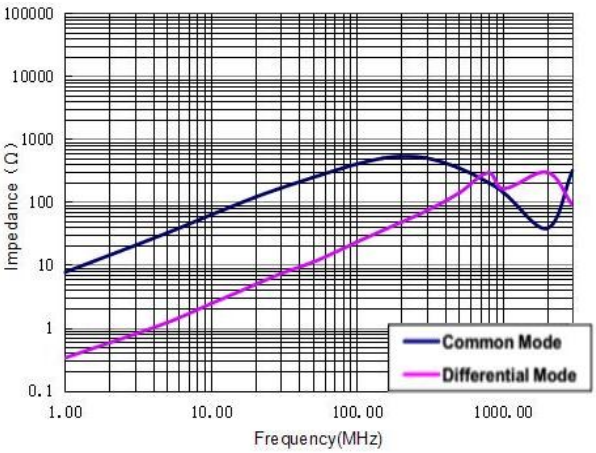

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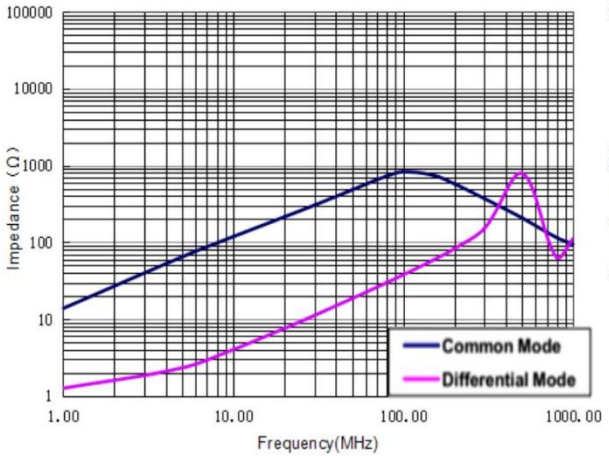

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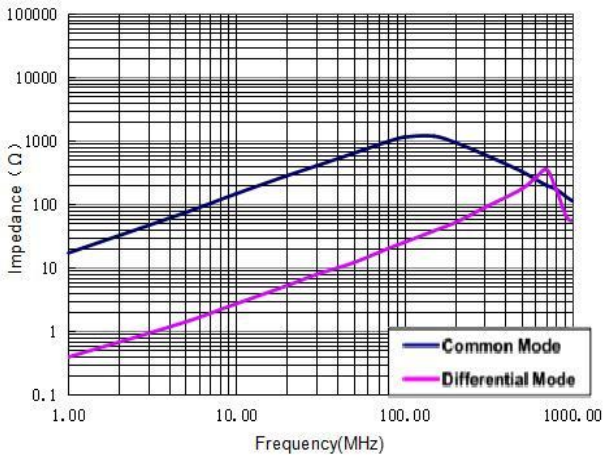

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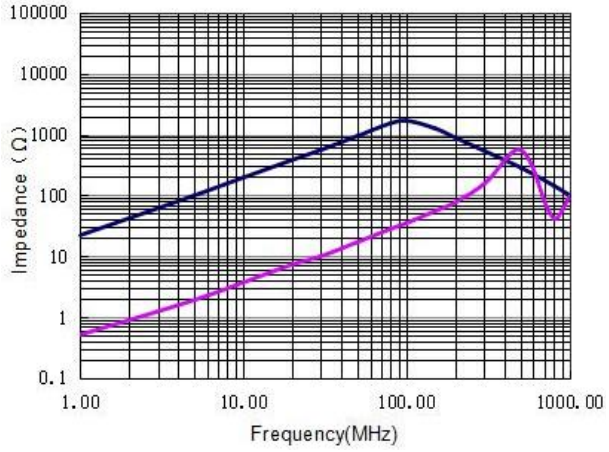

CMI5040S302T