

FEATURES

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



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) 系列名称 Series name
- (2) 产品尺寸 Product dimensions
- (3) 特性类别 Feature Type
- (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

Fig 1

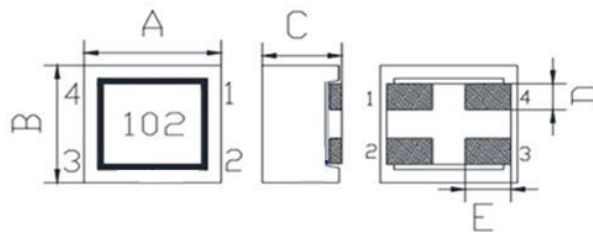
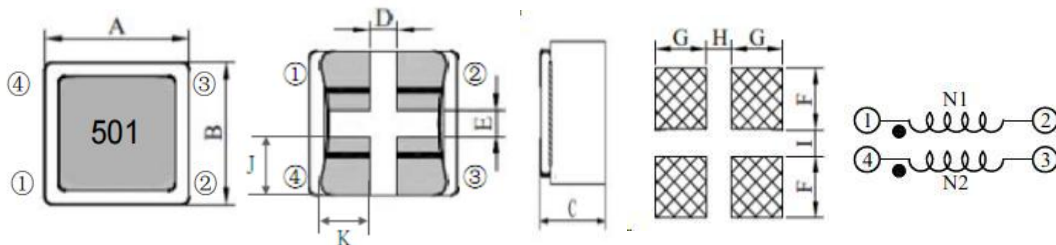


Fig 2



Series	Shape	A	B	C	D Ref	E Ref	J Ref	K Ref	F Rel	G Ref	H Ref	I Ref
CMI 4532	Fig.1	5.0±0.3	4.5±0.3	2.8±0.3	1.00	1.65	/	/	/	/	/	/
CMI 5020	Fig.2	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	Fig.2	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

Unit:mm

SPECIFICATIONS

CMI 4532 Series

Part Number	Impedance Typ. (Ω @100MHz)	DCR (m Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (M Ω)
CMI4532S101T	100	9.0 \pm 40%	6.0	50	10
CMI4532S251T	250	14 \pm 40%	5.0	50	10
CMI4532S501T	500	19 \pm 40%	2.0	50	10
CMI4532S102T	1000	24 \pm 40%	2.0	50	10
CMI4532S142T	1400	40 \pm 40%	2.0	50	10

CMI 5020 Series

Part Number	Impedance Typ. (Ω @100MHz)	DCR Max. (m Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (M Ω)
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

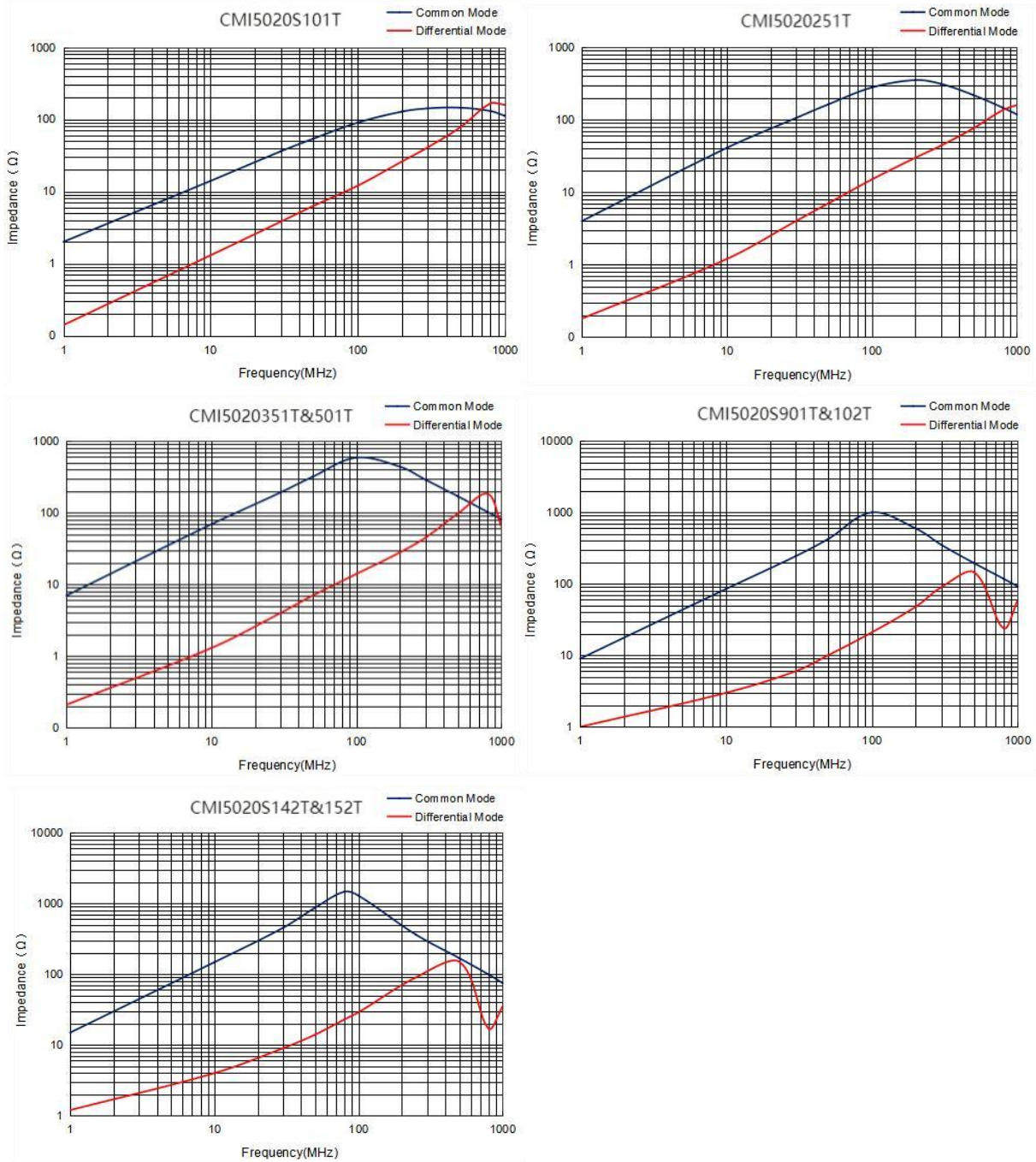
Part Number	Impedance Typ. (Ω @100MHz)	DCR Max. (Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (M Ω)
CMI5040S191T	190	0.02	5.0	50	10
CMI5040S351T	350	0.04	2.0	50	10
CMI5040S501T	500	0.30	1.5	50	10
CMI5040S102T	1000	0.06	1.3	50	10
CMI5040S152T	1500	0.10	1.0	50	10
CMI5040S302T	3000	0.20	0.5	50	10

Note:

Irms: DC current that causes the temperature rise($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.

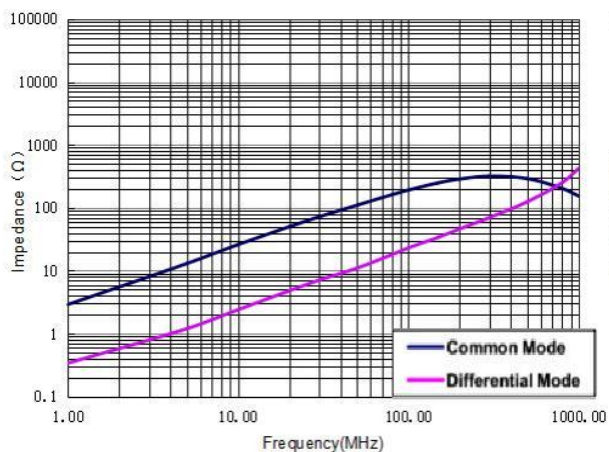
CHARACTERISTICS CURVE

CMI 5020 Series

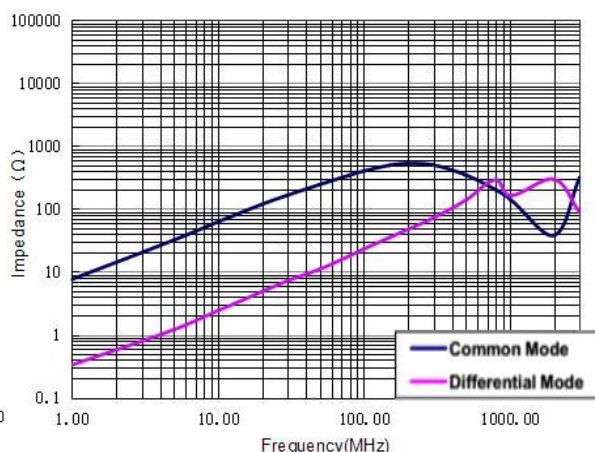


CMI 5040 Series

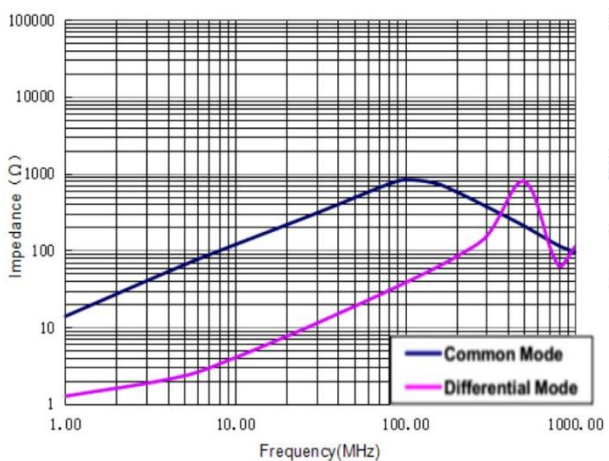
CMI5040S191T



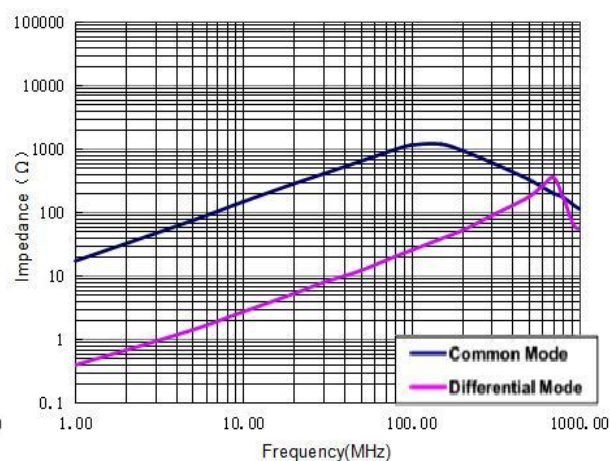
CMI5040S351T



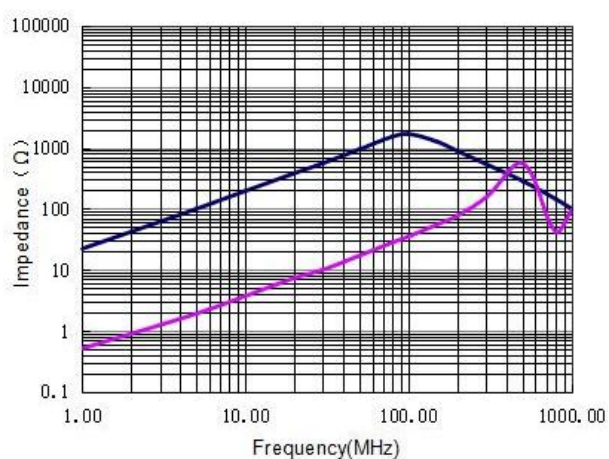
CMI5040S501T



CMI5040S102T



CMI5040S152T



CMI5040S302T

