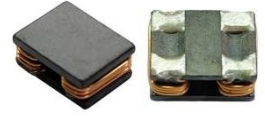


FEATURES

- 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

CMS 750603 S 301 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

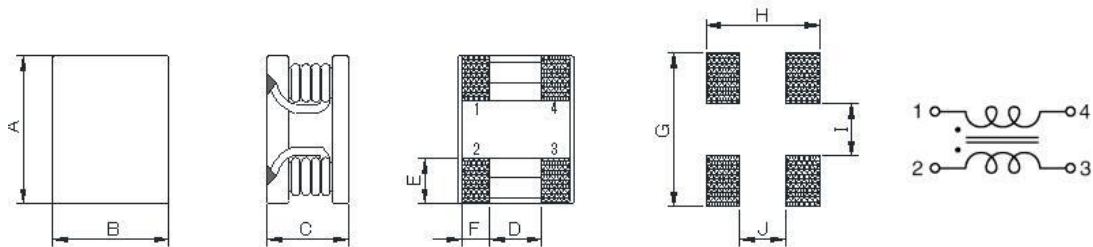


Fig.1

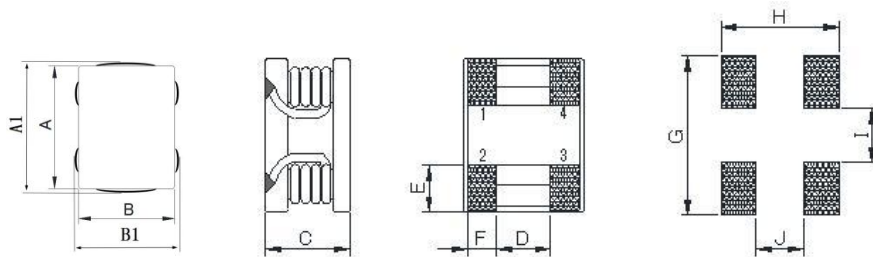


Fig.2

Series	Shape	A	A1	B	B1	C	D Ref	E Ref	F Ref	G Ref	H Ref	I Ref	J Ref
CMS750603	Fig.1	7.5±0.5	/	6.0±0.5	/	3.2±0.5	2.0	2.5	1.5	8.5	7.0	1.5	1.0
CMS100805	Fig.1	10.0±0.5	/	8.0±0.5	/	5.0±0.5	3.2	2.8	1.8	11.0	9.0	3.4	2.2
CMS121006	Fig.2	12.0±0.5	12.5±0.5	10.0±0.5	10.3±0.5	6.0±0.5	3.8	2.5	2.5	13.0	11.0	3.0	2.6

Unit:mm

SPECIFICATIONS

CMS750603 Series

Part Number	Impedance(Ω)		Test Freq. (MHz)	DCR (m Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (M Ω)
	Min.	Typ.					
CMS750603S301T	200	300	100	20	2.0	50	10
CMS750603S501T	300	500	100	25	2.0	50	10
CMS750603S601T	300	600	100	25	2.0	50	10
CMS750603S801T	600	800	100	30	2.0	50	10
CMS750603S102T	800	1000	100	58	1.5	50	10

CMS100805 Series

Part Number	Impedance(Ω)		Test Freq. (MHz)	DCR (m Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (M Ω)
	Min.	Typ.					
CMS100805S551T	500	550	100	10	5.0	50	10
CMS100805S601T	500	600	100	30	4.5	50	10
CMS100805S651T	500	650	100	30	4.5	50	10
CMS100805S701T	500	700	100	30	4.5	50	10
CMS100805S102T	700	1000	100	45	4.0	50	10

CMS121006 Series

Part Number	Impedance(Ω)		Test Freq. (MHz)	DCR (m Ω)	Irms Max. (A)	Rated Voltage Max. (Vdc)	IR Min. (M Ω)
	Min.	Typ.					
CMS121006S701T	700	900	100	12	6.0	50	10
CMS121006S801T	800	1200	100	20	5.0	50	10
CMS121006S102T	1000	1200	100	20	5.0	50	10
CMS121006S132T	1200	1400	100	36	4.0	50	10

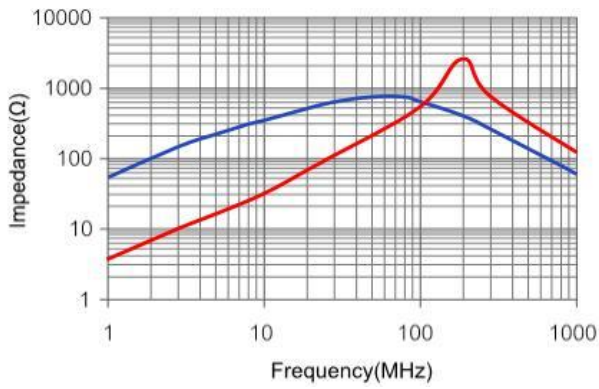
Note:

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

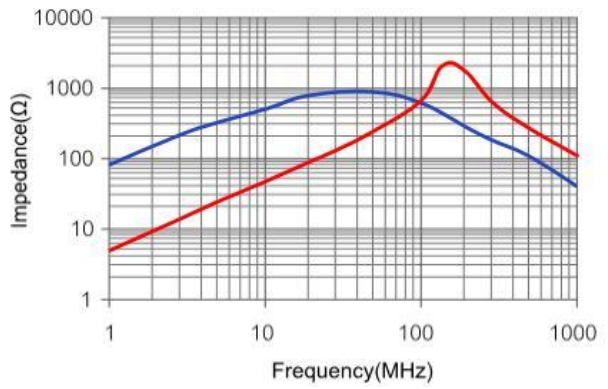
CHARACTERISTICS CURVE

CMS100805 Series

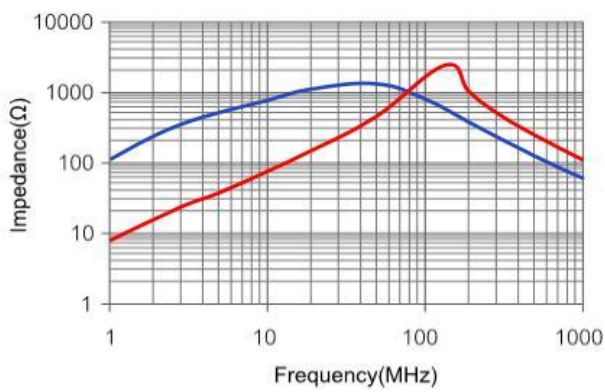
CMS100805S551T



CMS100805S601/551/701T

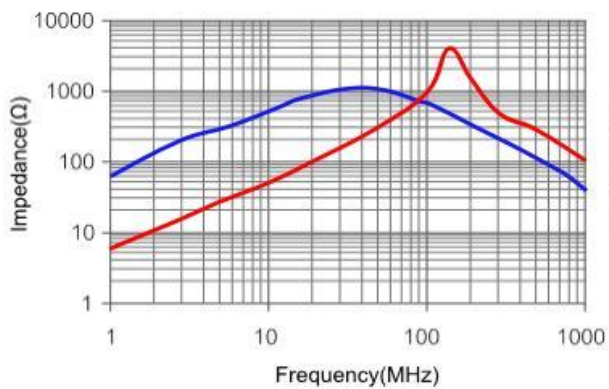


CMS100805S102T



CMS121006 Series

CMS121006S701T



CMS121006S801/102T

