

AUTOMOTIVE SIGNAL COMMON MODE CHOKES SF4528F SERIES

FEATURES:

- AEC-Q200 compliant
- PPAP ready and supported
- Manufactured in TS/IATF 16949 production lines
- Excellent impedance characteristics

COMMON APPLICATIONS:

- Differential signal line common mode noise suppression.
- Multimedia devices
- Automotive applications such as ADAS, Infotainment, Sensing, TCU
- Automotive Ethernet

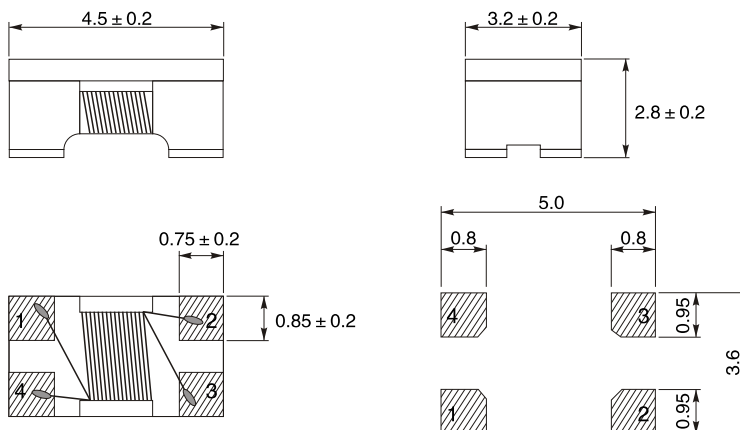


ELECTRICAL CHARACTERISTICS:@25°C

Part Number	Inductance (uH)+50%/-30% 100KHz	Impedance Z(Ω)@10MHz		Rated current (A)	DCR (mΩ).	Rated voltage (Vdc)
		Min	Typ			
SF4528F-110Y	11	300	600	0.36	600	50
SF4528F-220Y	22	500	1200	0.31	1000	50
SF4528F-510Y	51	1000	2800	0.23	1000	50
SF4528F-101Y	100	2000	5800	0.20	2000	50

PHYSICAL CHARACTERISTICS:

WINDING:



GENERAL SPECIFICATIONS:

- Rated Current is based on an Irms temperature rise of 40 °C
- Inductance Test Conditions: 0.1V, 100KHz
- SF4528F Series is AEC-Q200 Automotive certified
- SF4528F Series is RoHS Compliant and Pb free
- Operating Temperature: -55 °C to +150 °C (Temperature rise included)
- Storage Temperature(on PCB): -55 °C to +150 °C
- Storage (in original packaging): <40 °C , <60% RH
- Packaging: Tape & Reel is standard (Qty: 500PCS)

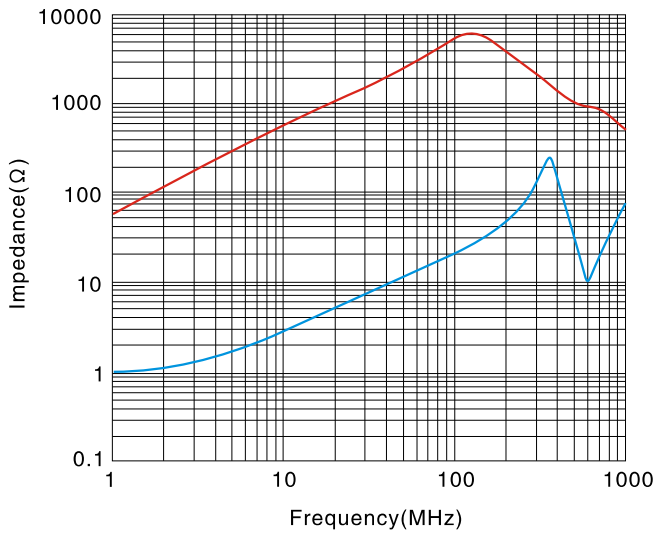
Note:All specifications subject to change without notice.

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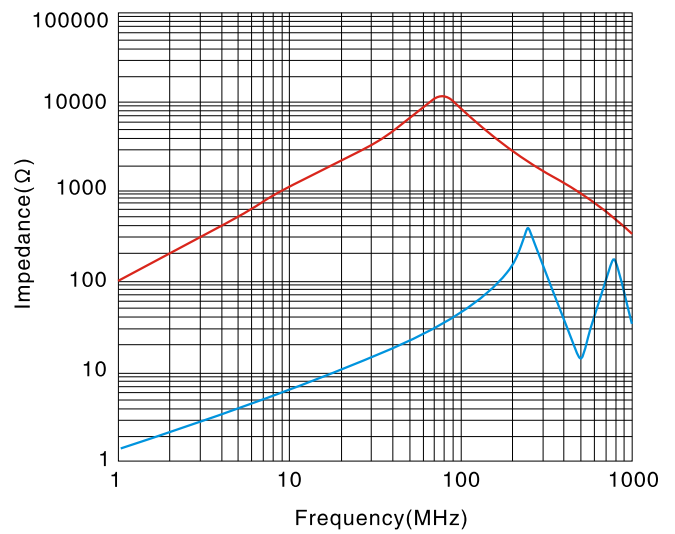


FREQUENCY VS IMPEDANCE

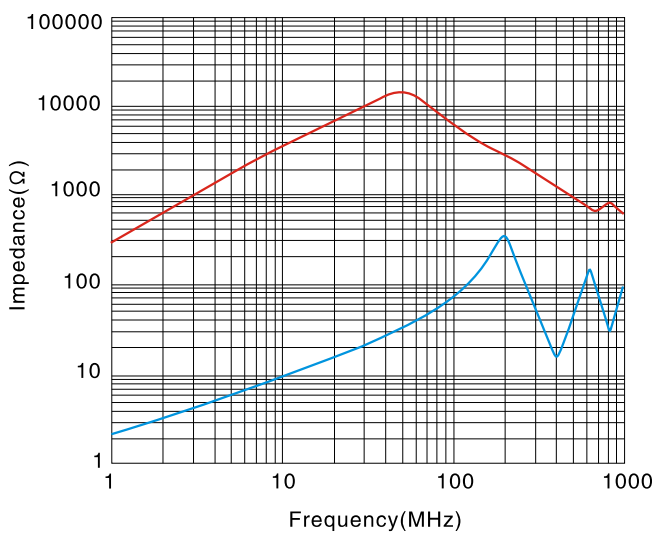
SF4528F-110Y



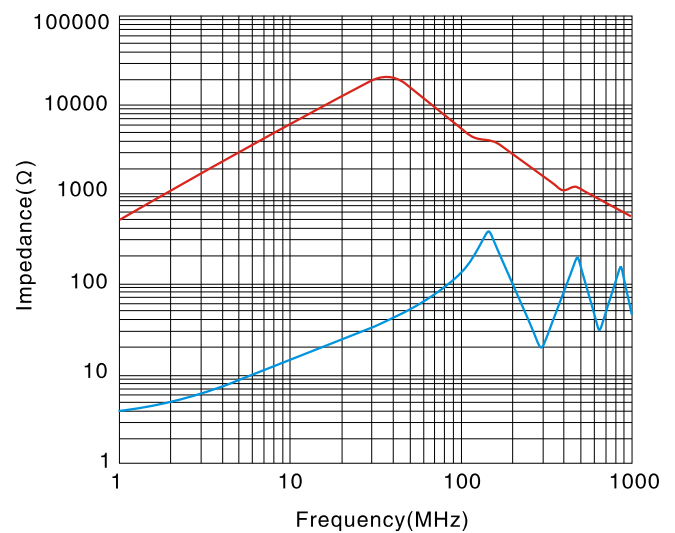
SF4528F-220Y



SF4528F-510Y



SF4528F-101Y



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