

AUTOMOTIVE SIGNAL COMMON MODE CHOKES SF4526F SERIES



FEATURES:

- AEC-Q200 compliant, Grade 1
- PPAP ready and supported
- Manufactured in TS/IATF 16949 production lines
- Excellent impedance characteristics

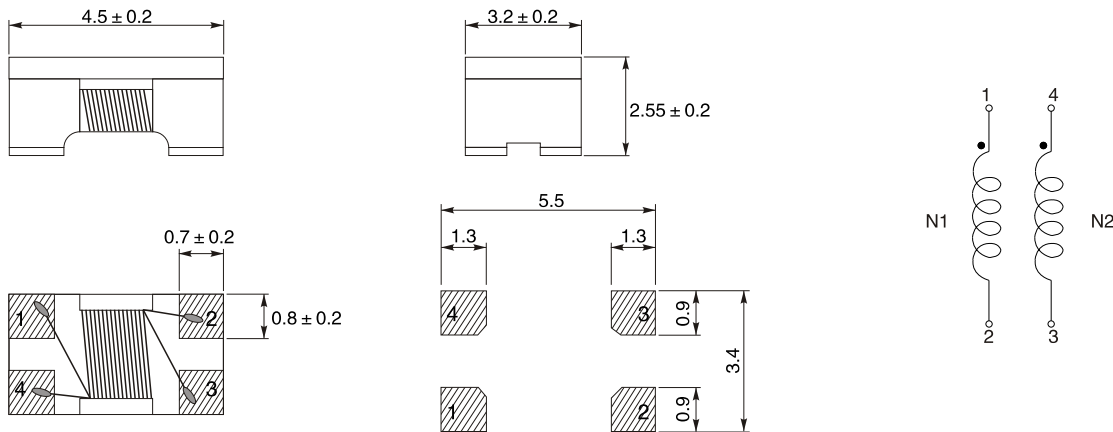
COMMON APPLICATIONS:

- 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	Rated current (A)	DCR (mΩ).	Rated voltage (Vdc)	Insulation Resistance (MΩ) Min
SF4526F-110Y	11	0.36	500	50	10
SF4526F-220Y	22	0.31	800	50	10
SF4526F-510Y	51	0.23	1000	50	10
SF4526F-101Y	100	0.20	2000	50	10

PHYSICAL CHARACTERISTICS: WINDING:



GENERAL SPECIFICATIONS:

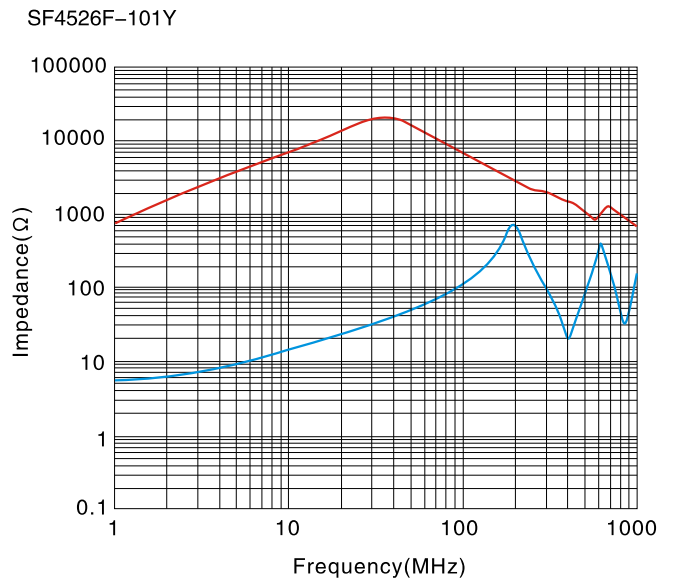
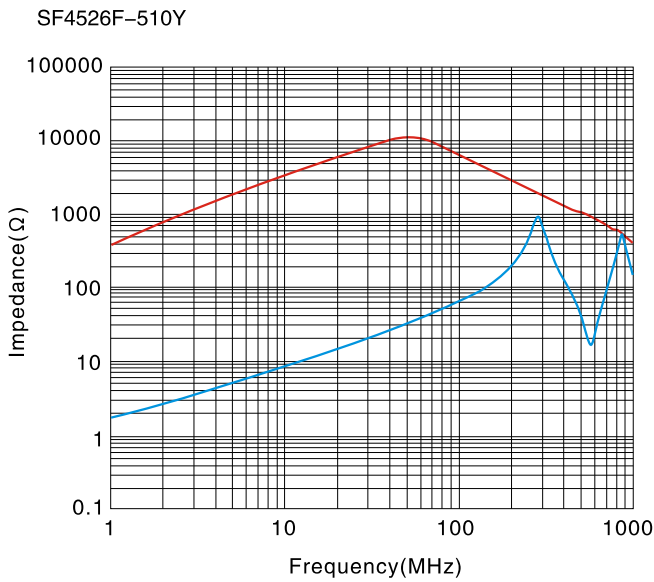
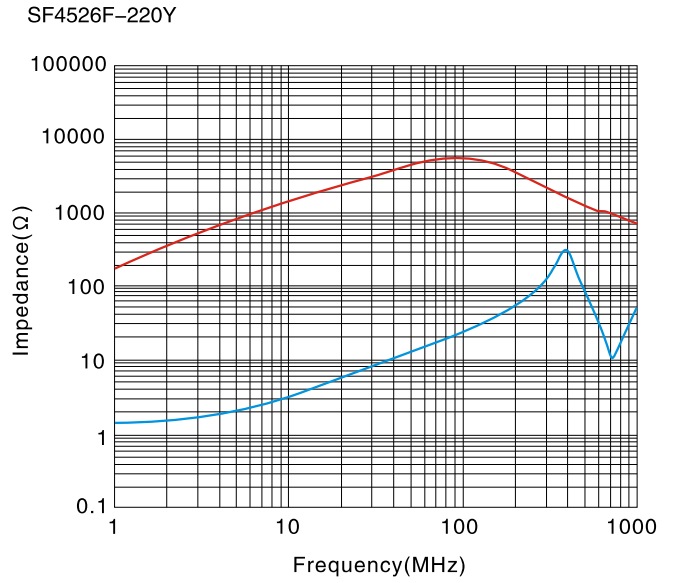
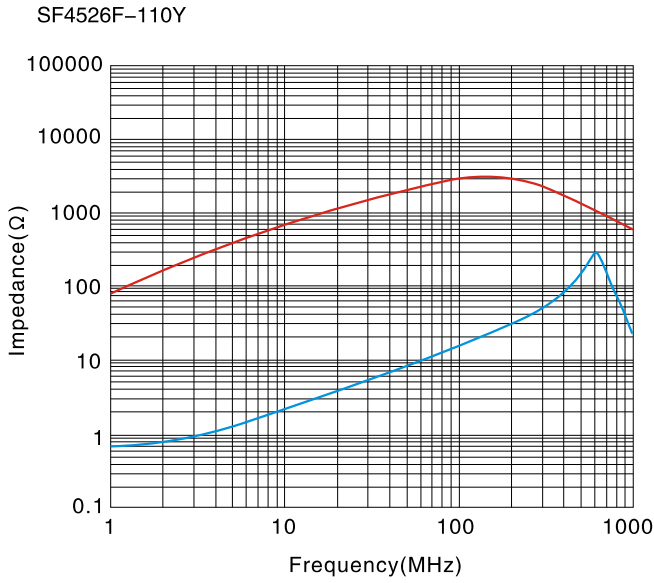
- Rated Current is based on an Irms temperature rise of 20 °C
- Inductance Test Conditions: 0.1V, 100KHz
- SF4526F Series is AEC-Q200 Automotive certified
- SF4526F Series is RoHS Compliant and Pb free
- Operating Temperature: -40 °C to +150 °C (Temperature rise included)
- Storage Temperature(on PCB): -40 °C to +150 °C
- Storage (in original packaging): <40 °C , <70% RH
- Peckageing: Tape & Reel is standard (Qty: 500PCS)

Note:All specifications subject to change without notice.

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FREQUENCY VS IMPEDANCE



— Com — Dif