

SURFACE-MOUNT WOUND COMMON MODE CHOKES SF1812F SERIES

FEATURES:

- Ferrite Core bobbin construction
- High frequency and Large current
- Excellent Mechanical Strength
- Excellent Solderability
- Excellent Frequency performance
- Low Profile and Low cost

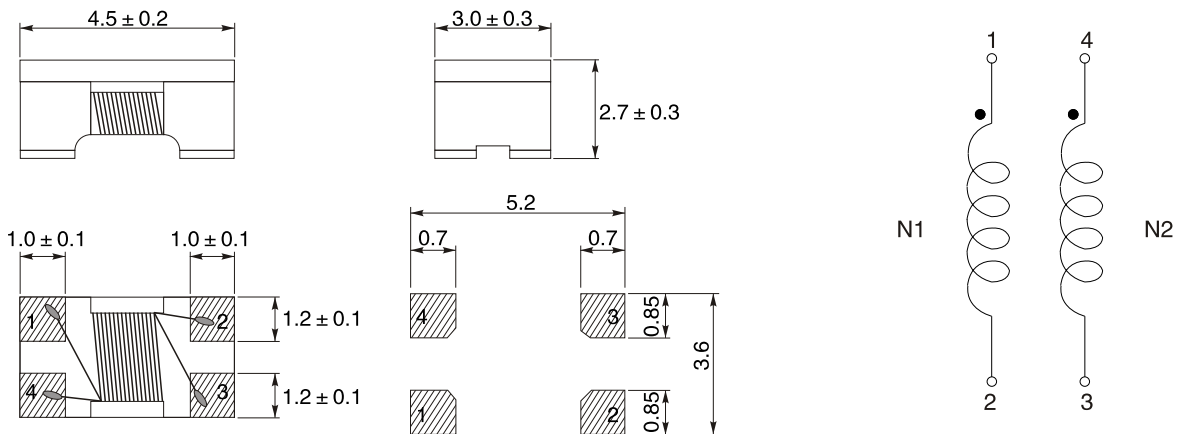
COMMON APPLICATIONS:

- 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) ± 25% 100MHz	Rated current (mA)	DCR (Ω).	Rated voltage (Vdc)
SF1812F-600Y	-	60	4100	0.1	60
SF1812F-900Y	0.3	90	3800	0.2	60
SF1812F-121Y	-	120	3600	0.22	60
SF1812F-231Y	-	230	3500	0.22	60
SF1812F-251Y	-	250	3500	0.22	60
SF1812F-421Y	-	420	2850	0.22	60
SF1812F-601Y	1.0	600	2600	0.30	60
SF1812F-701Y	-	700	2500	0.15	60
SF1812F-801Y	1.3	800	2300	0.16	60
SF1812F-102Y	-	1000	1750	0.40	60
SF1812F-122Y	-	1200	1700	0.40	60
SF1812F-142Y	-	1400	1700	0.40	60
SF1812F-282Y	4.2	2800	800	0.60	60
SF1812F-502Y	11	5000	560	0.80	60
SF1812F-582Y	-	5800	350	2.00	60
SF1812F-802Y	22	8000	320	2.65	60

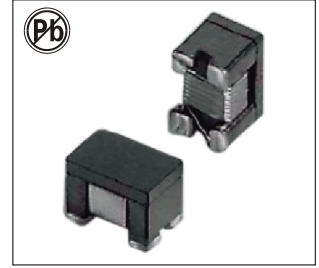
PHYSICAL CHARACTERISTICS: WINDING:



GENERAL SPECIFICATIONS:

- Temperature Rise: 40 °C at rated current
- Operating Temperature: -40 °C to +125 °C (Temperature rise included)
- Storage Temperature: -40 °C to +125 °C
- Peckageing: Tape & Reel is standard (Qty: 500PCS)
- Note:All specifications subject to change without notice.

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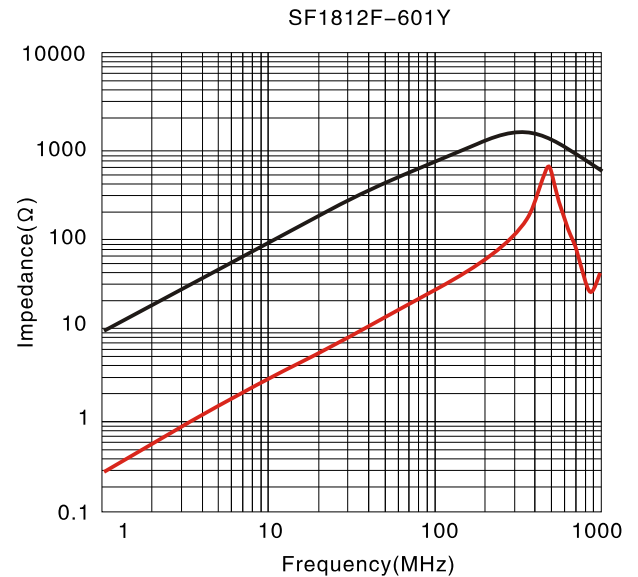
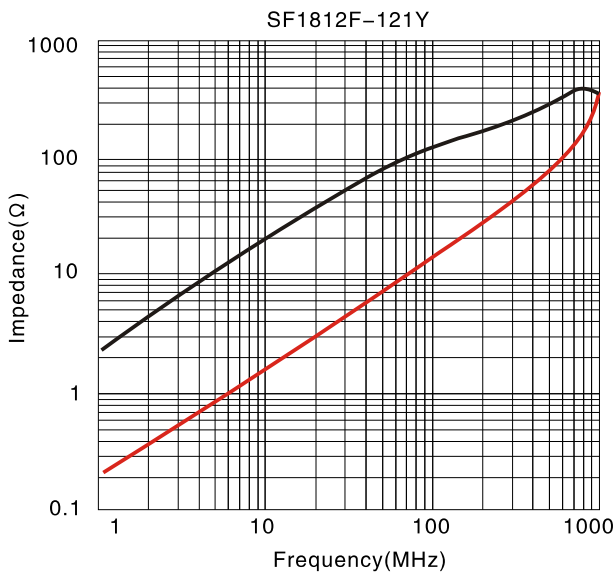
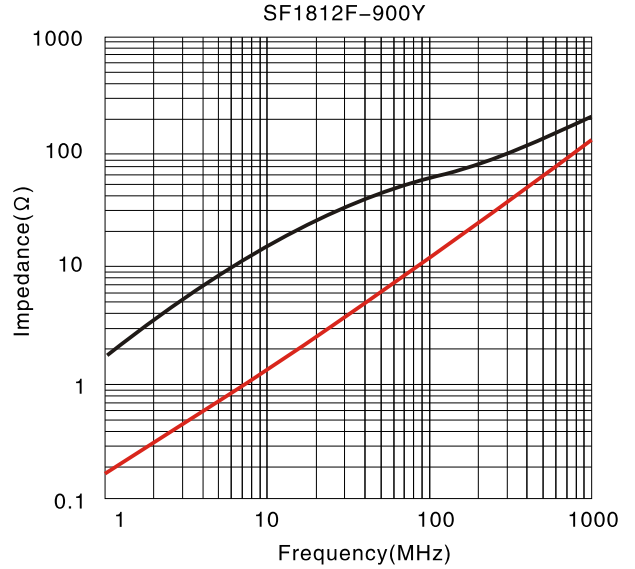
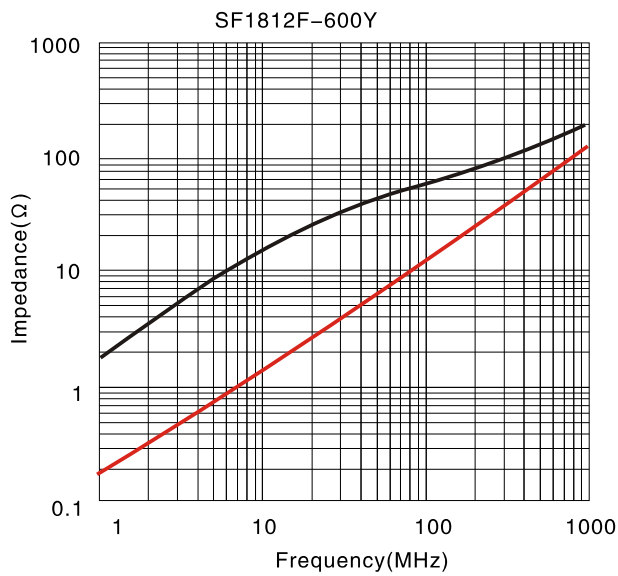
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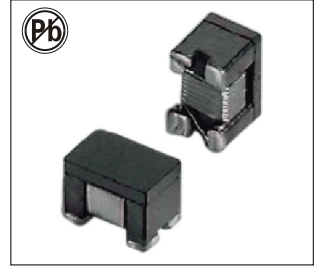
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FREQUENCY VS IMPEDANCE



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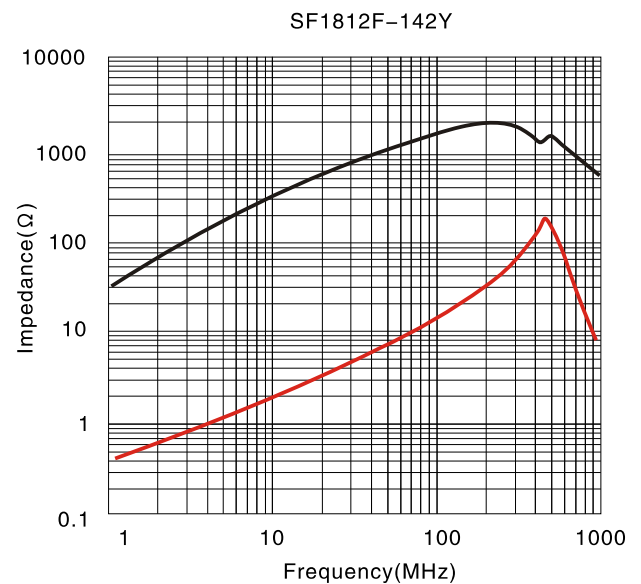
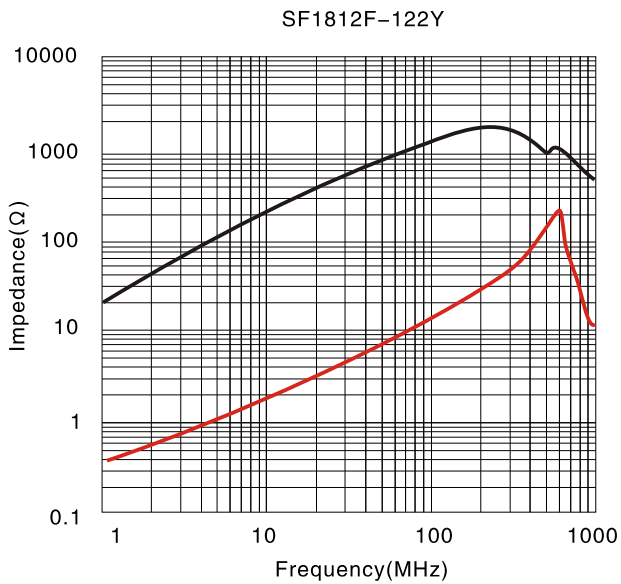
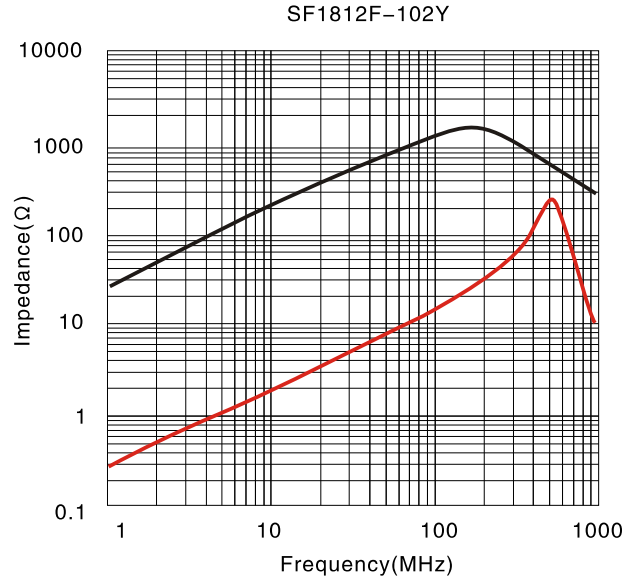
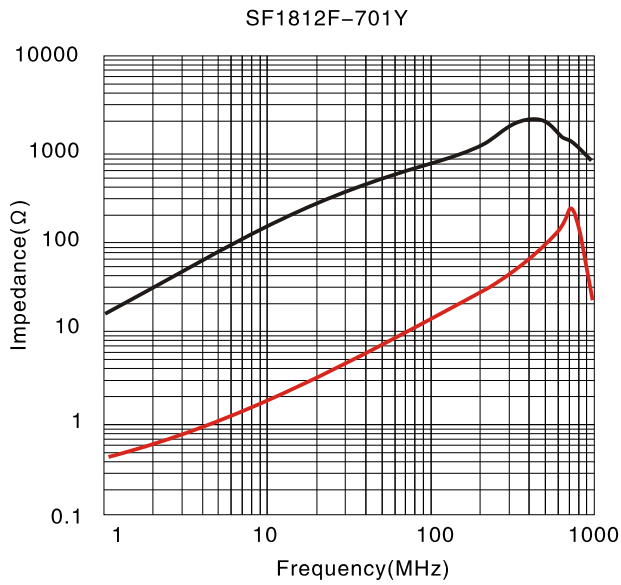
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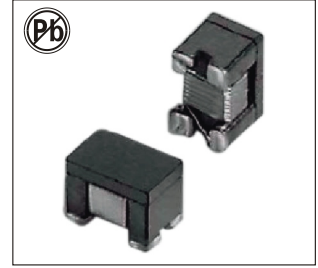
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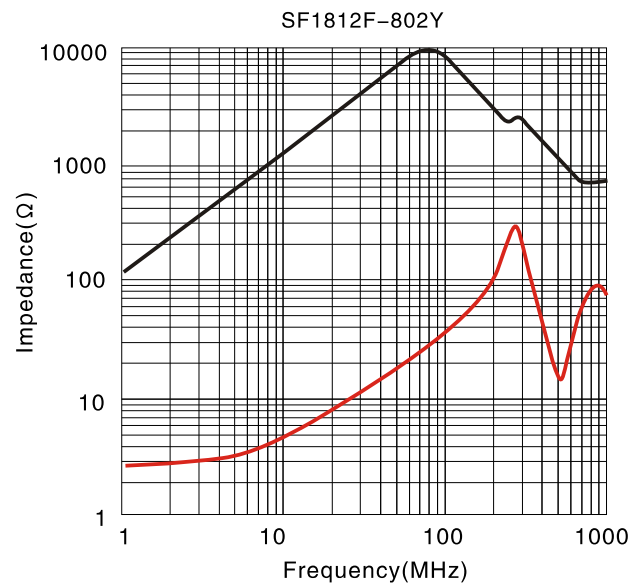
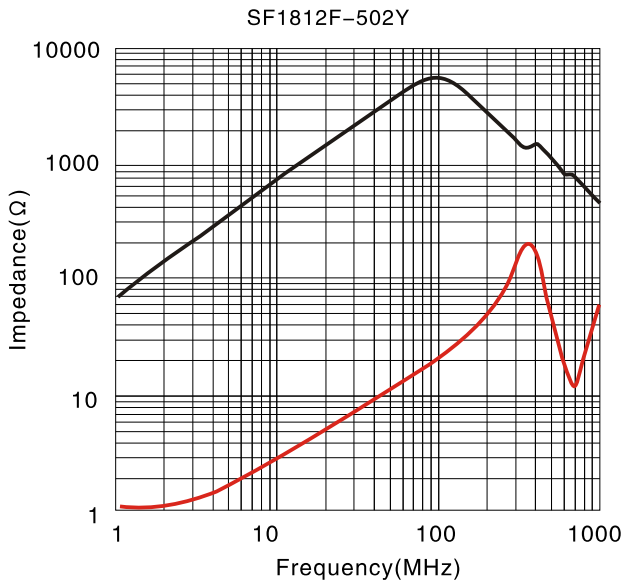
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