

EMI LINE FILTER SF0503 SERIES

FEATURES:

- Rated Current 100mA
- Inductance range: 11 to 100uH
- RoHS compliant

OPTIONS:

- Packaging: Tape & Reel is standard
Bulk packaging available for smaller quantities

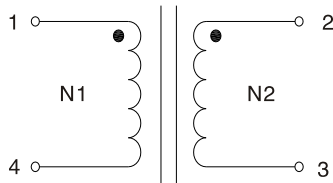
COMMON APPLICATIONS:

- DC-DC Conversion
- Isolation /Coupling
- Input filter
- Against CMC noise at composite
- EMI suppression

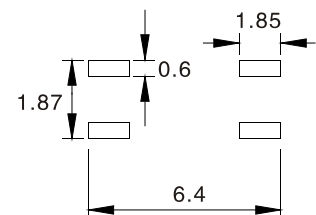
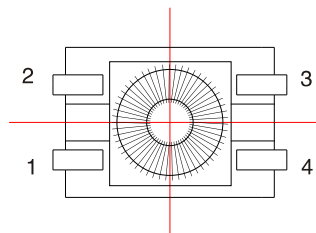
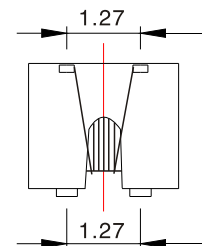
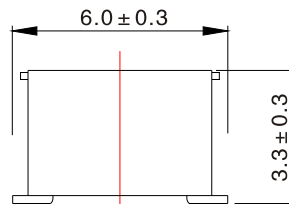
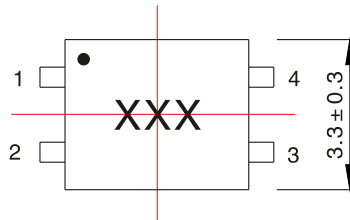
ELECTRICAL CHARACTERISTICS:@25°C

Part Number	L(0A) (uH)+50%/-30% 10KHz,0.1V	Frequency Range(MHz)	Impedance Z(Ω)Min	DCR(mΩ)Max each winding	Rated current (mA)
SF0503-110Y	11	100-400	450	180	100
SF0503-220Y	22	40-250	900	230	100
SF0503-330Y	33	30-180	1000	270	100
SF0503-500Y	50	20-60	1200	320	100
SF0503-101Y	100	10-50	1400	450	100

SCHEMATIC



PHYSICAL CHARACTERISTICS



NOTES:

1. Temperature Rise: 20°C at rated current
2. Rated Voltage: 50 Vdc
Dielectric Withstanding Voltage: 125 Vdc
3. Operating Temperature:
-40°C to +125°C(Temperature rise included)
4. Storage Temperature:
-40 °C to +125°C
Solderability: 245°C for 5 sec
5. Core MaterialFerrite
6. WireEnamelled copper
7. Terminal coatingSn
8. Packaging.....1000 pcs. per 13-inch reel

Note:All specifications subject to change without notice.