

COMMON MODE POWER LINE CHOKE

STC05A SERIES



FEATURES:

- Common mode chokes for telecom applications
- High impedance to minimize common mode noise
- Excellent EMI performance
- Meets UL94V-0 flammability standard

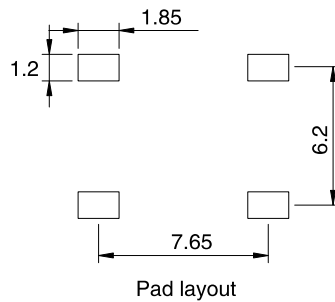
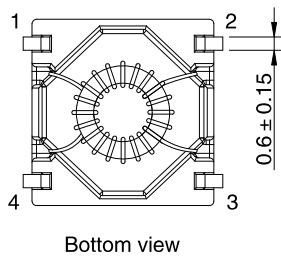
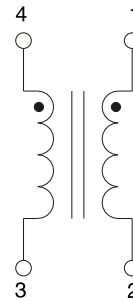
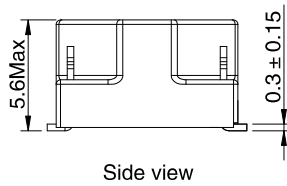
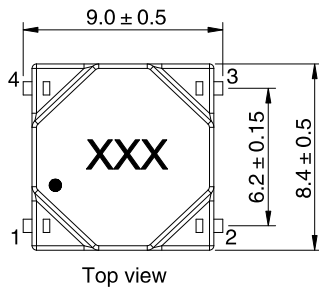
APPLICATIONS:

- EMI filters
- DC-DC brick power supplies
- Discrete output supplies
- Discrete and point-of-use power supplies

ELECTRICAL CHARACTERISTICS:

Part Number	L(0A) (uH) +50%/-30% 10KHz,0.1V	DCR (mΩ)Max	IDC (A)Max	Hi-Pot (Vdc) 50Hz,1mA,1S
STC05A-102Y	1000	180	0.95	500
STC05A-222Y	2200	300	0.75	500
STC05A-332Y	3300	360	0.52	500
STC05A-392Y	3900	540	0.52	500
STC05A-472Y	4700	900	0.35	500

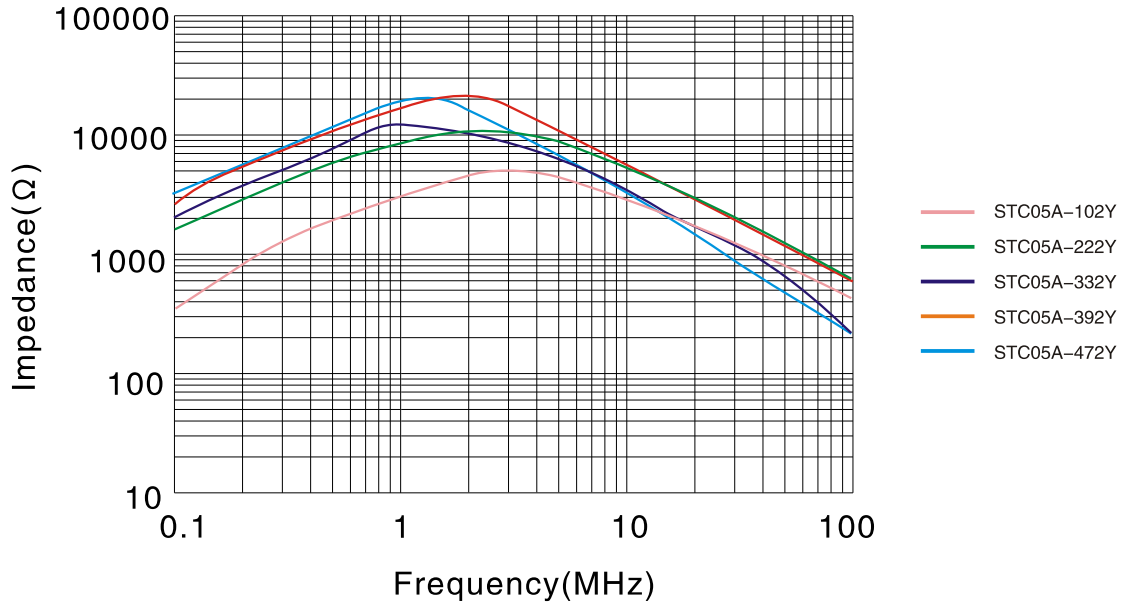
PHYSICAL CHARACTERISTICS



NOTES:

- Temperature Rise40°C typical at IDC
- Operating Temperature-40°C to +125°C(Including self temperature rise)
- Storage Temperature-40°C to +125°C
- Soldering245°C, 5 seconds max
- Dielectric Strength500 Vrms between windings

IMPEDANCE COMMON MODE



IMPEDANCE DIFFERENTIAL MODE

