

SMT COMMON MODE CHOKES

STRF16 SERIES



FEATURES:

- Common mode chokes for AC power lines
- High impedance to minimize common mode noise
- Excellent EMI performance
- Meets UL94V-0 flammability standard

APPLICATIONS:

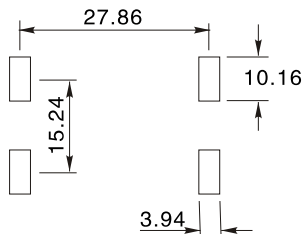
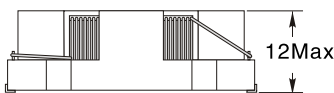
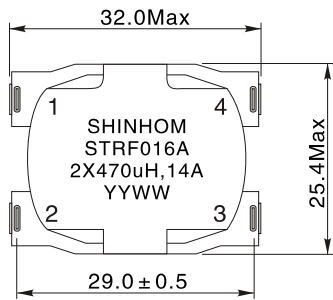
- EMI filters
- DC-DC brick power supplies
- Discrete output supplies
- Discrete and point-of-use power supplies

ELECTRICAL CHARACTERISTICS:

Part Number	L(0A) (uH) ± 35% 100KHz,0.1V	IDC (A)Max	DCR (mΩ)Max	Hi-Pot 1mA/2S/60Hz (Vac)
STRF016□-131Y	135	26	3.5	1000
STRF016□-221Y	225	20	6.0	1000
STRF016□-471Y	470	14	8.0	1000
STRF016□-631Y	630	11.6	10	1000
STRF016□-821Y	820	7.0	15	1000

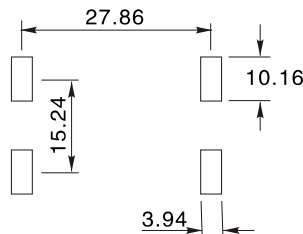
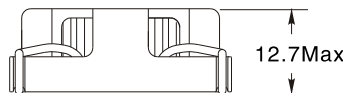
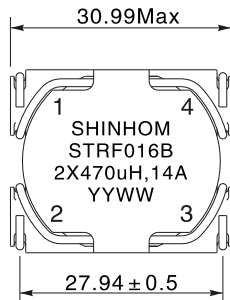
PHYSICAL CHARACTERISTICS & WINDING

STRF016A

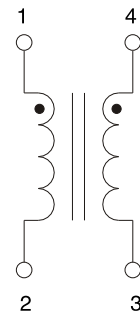


Suggested pad layout

STRF016B



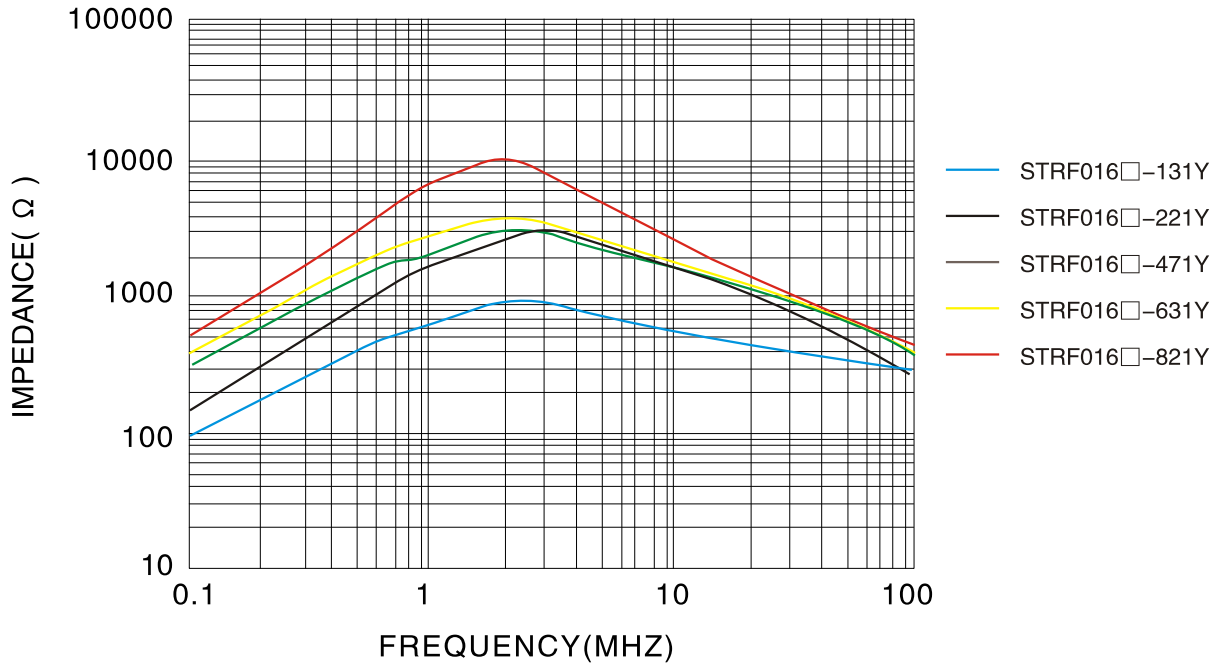
Suggested pad layout



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 Strength1000 Vrms between windings

IMPEDANCE COMMON MODE



IMPEDANCE DIFFERENTIAL MODE

