



COMMON MODE CHOKES STC07 SERIES

FEATURES:

- Inductance range from 1mH to 39mH
- Current range up to 3.0 Amps
- Frequency range up to 100 MHz
- Meets UL94V-0 flammability standard
- Ferrite core material

OPTIONS:

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

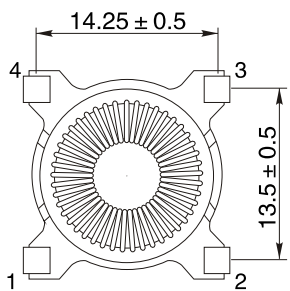
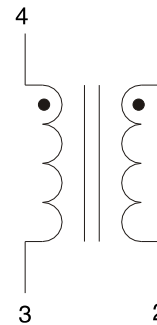
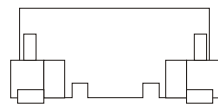
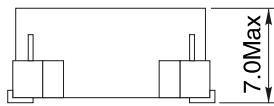
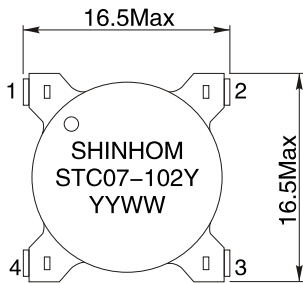
COMMON APPLICATIONS:

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

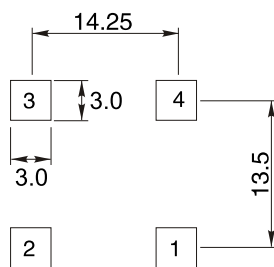
ELECTRICAL CHARACTERISTICS:

Part Number	L(0A) (mH) Min 1.0KHz,0.1V	IDC (A)	DCR (mΩ)Max
STC07-102Y	1	2.0	44.5
STC07-402Y	4	1.5	140
STC07-502Y	5	1.0	200
STC07-103Y	10	0.7	350
STC07-203Y	20	0.5	1000
STC07-393Y	39	0.3	3000

PHYSICAL CHARACTERISTICS



Bottom view



Recommended layout

NOTES:

1. Temperature Rise ...35°C typical at Irms Operating Temperature-55°C to +125°C
Storage Temperature
2. Storage Temperature-55°C to +125°C
Soldering245°C, 5 seconds max. Dielectric Strength500 Vrms between windings
3. Core Ferrite
4. Wire Polyester-coated copper
5. Terminal Coating Sn-Ag-Cu alloy