

SMT COMMON MODE CHOKES

FSCM01,02,03,04 SERIES

FEATURES:

- Toroid core
- SMD construction
- Excellent Mechanical Strength
- Excellent Solderability
- High Reliability
- Low Profile

OPTIONS:

- Packaging: Tape & Reel is standard (Qty: 2000pcs)
Bulk packaging available for smaller quantities
- Tolerance: 20% is standard, tighter tolerances available

COMMON APPLICATIONS:

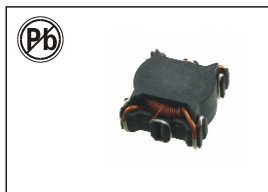
- DC/DC, AC/DC converter
- Filter and Noise suppression
- Communication System
- Automotive Systems
- Liquid Crystal Televisions
- Network Systems
- Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS:

Part Number	L(0A) (uH)+30%/-35% 10KHz,0.1V	IDC (A)Max	DCR (Ω)Max	Lk (uH) Min 10KHz,0.1V
FSCM01-531Y	536	3.8	17.1	1.2
FSCM02-950Y	95	12.5	3	0.15
FSCM02-111Y	117	14	1.95	0.3
FSCM02-211Y	215	10	3.75	0.5
FSCM02-531Y	484	8	7.7	1.5
FSCM02-531Y	10150	1.4	210	25
FSCM03-610Y	61	7	2.9	0.15
FSCM03-960Y	96	6	4.3	0.25
FSCM03-131Y	130	5	6.75	0.4
FSCM03-281Y	280	4	13.2	0.7
FSCM03-381Y	383	3.3	18	1
FSCM03-112Y	1125	1.8	55	3
FSCM04-102Y	1030	9	9.75	3

NOTES:

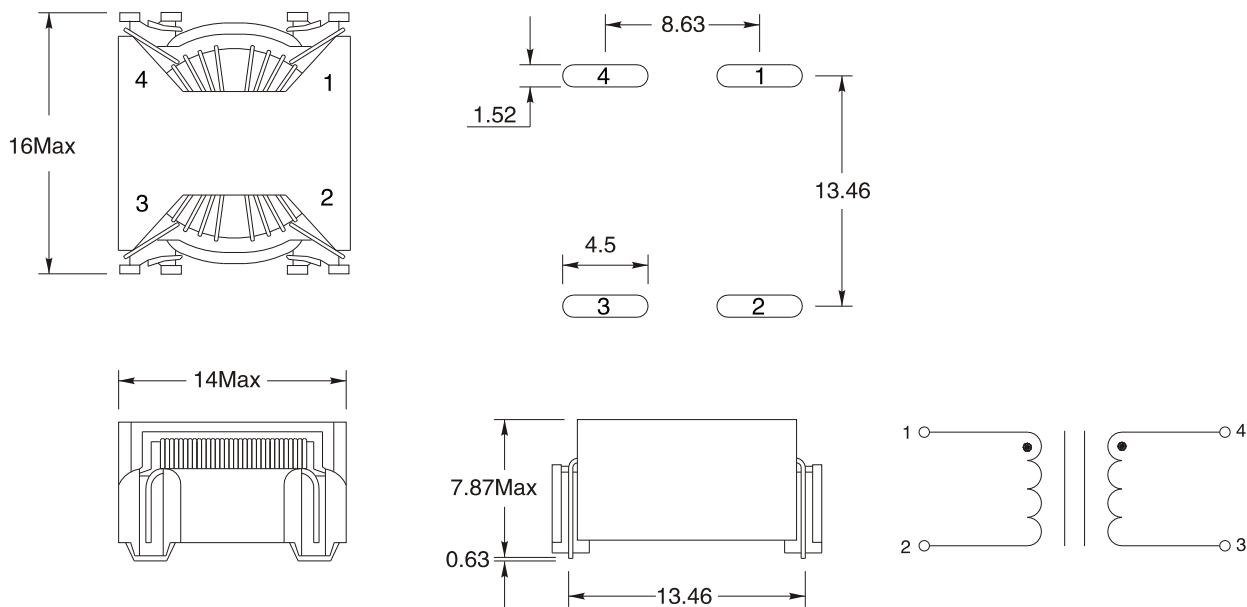
1. The current rating (I_{rated}) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 40°C
2. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range
3. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. STRF01 becomes STRF01T). Shinhom complies to industry standard tape and reel specification EIA48
4. Components identified by an asterisk have an inductance tolerance of +/- 35%. All other components are +30/-35%
5. All specifications subject to change without notice.



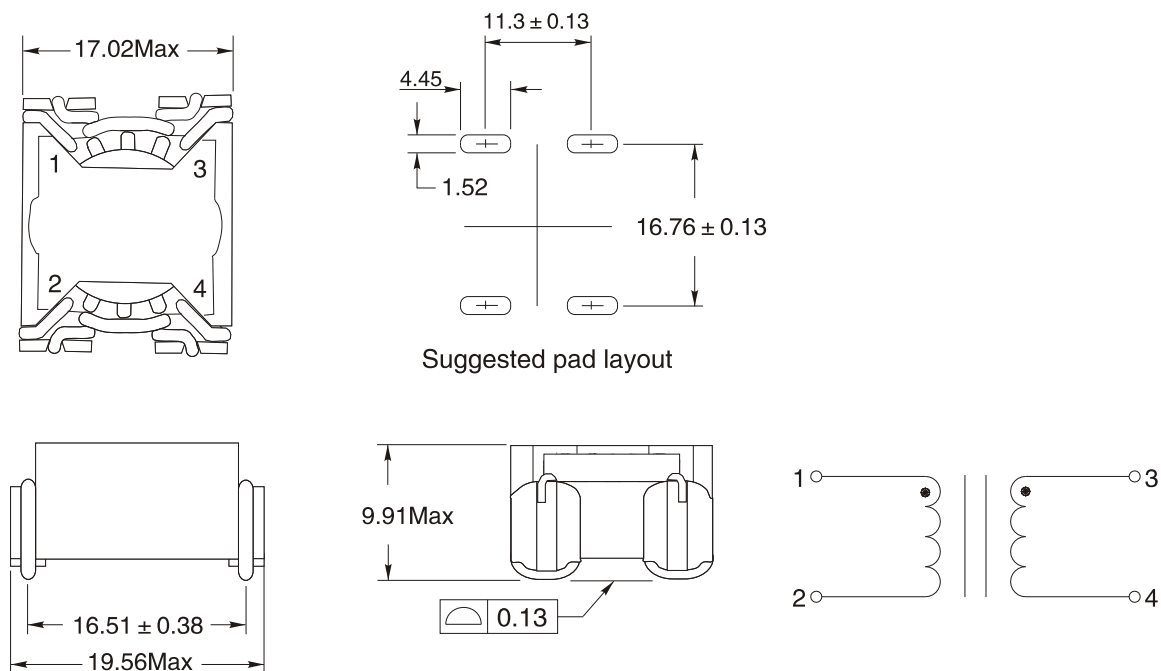
FSCM01,02,03,04 SERIES

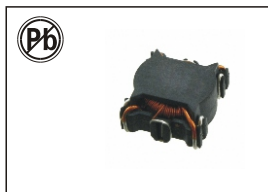
PHYSICAL CHARACTERISTICS:

FSCM01



FSCM02

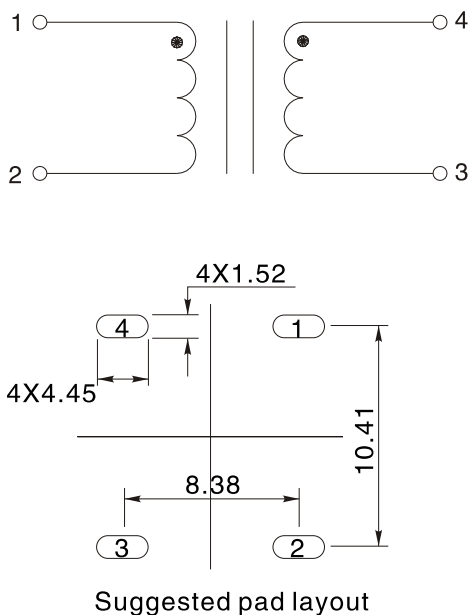
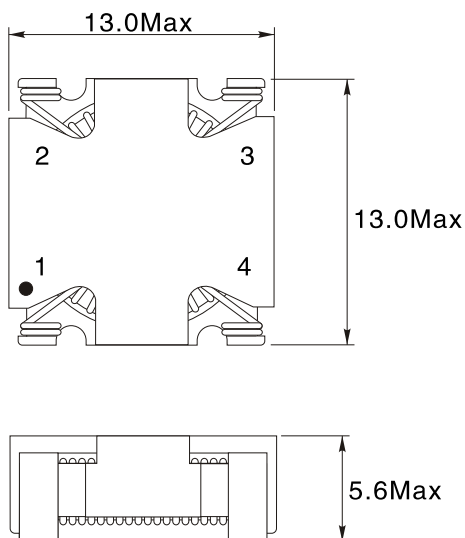




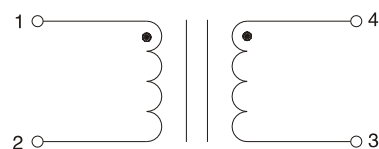
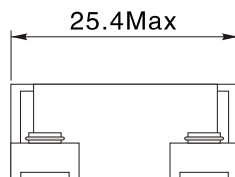
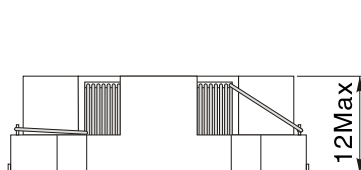
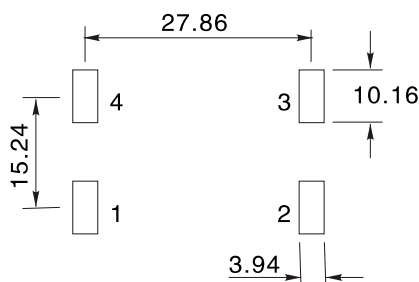
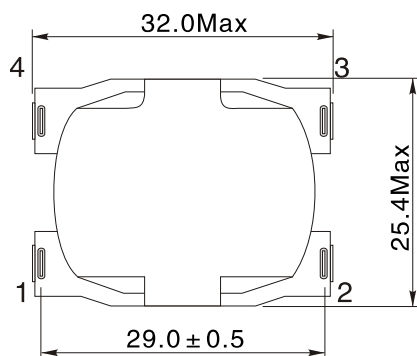
FSCM01,02,03,04 SERIES

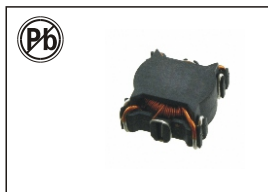
PHYSICAL CHARACTERISTICS:

FSCM03



FSCM04A





FSCM01,02,03,04 SERIES

PHYSICAL CHARACTERISTICS:

FSCM04B

