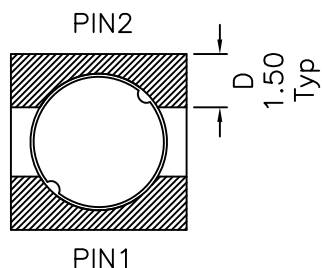
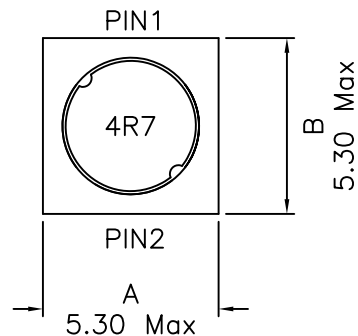
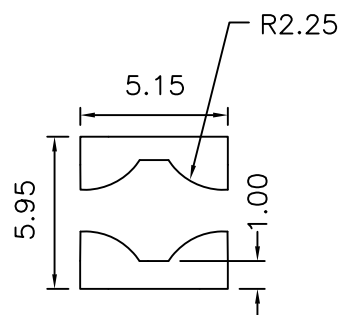


1. Mechanical Dimensions:

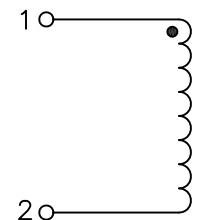


(BOTTOM VIEW)



Suggested Pad Layout

2. Schematic:



3. Electrical Specifications: @25C

OCL: 4.70uH±20% @100KHz 0.25V

Q: 15 Min @100KHz 0.25V

DCR: 0.0824 Ohms Typ

Irms: 1.77A (Based on 40°C Typ Temp Rise)

Isat: 1.54Adc (Based on 30% Typ Drop in OCL)

SRF: 35MHz Min

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature : -40°C to +105°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system

DOC REV: A/2

| | | | |
|--|-----------------------|---------------------------------|-----------|
| XFMRS Inc www.XFMRS.com | | Title: SHIELDED SMD INDUCTOR | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM | P/N: XFTPRH52D18-4R7M | | REV A |
| | DWN. | Huo | May-12-17 |
| | CHK. | YK Liao | May-12-17 |
| SHEET 1 OF 1 | APP. | GL | May-12-17 |

PROPRIETARY

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