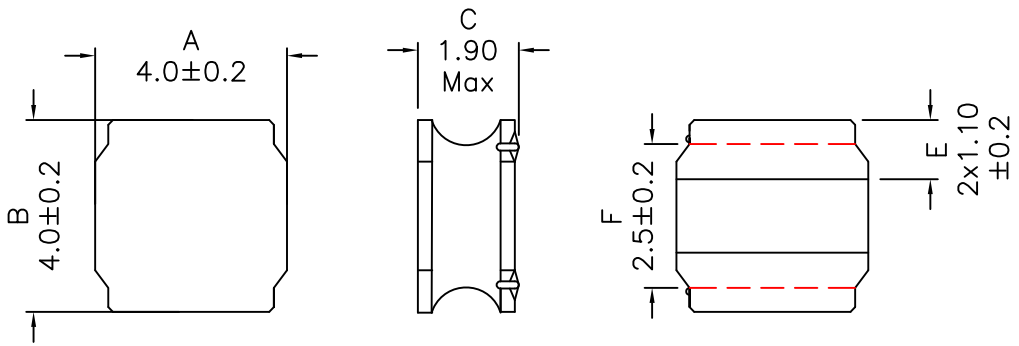
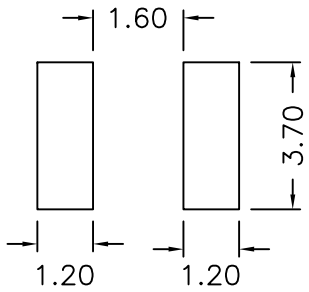
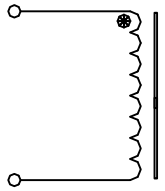
1. Mechanical Dimensions:





Recommended Land Patterns

2. Schematic:



3. Electrical Specification:

OCL: 47.0uH±20% @100KHz 0.1V
Q: 8 Min @100KHz 0.1V
Irms: 0.42A (Based on 40°C Temp Rise)
Isat: 0.57Adc (Based on 30% Typ Drop in OCL)
DCR: 0.650 Ohms±30%
SRF: 9.0MHz 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 Range: All listed parameters are to be within tolerance from -40°C to +85°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

XFMRS Inc. www.XFMRS.com	Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF404018-470M		REV. A
	DWN.	Xianyi	May-05-16
	CHK.	YK Liao	May-05-16
SHEET 1 OF 1	APP.	BW	May-05-16

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