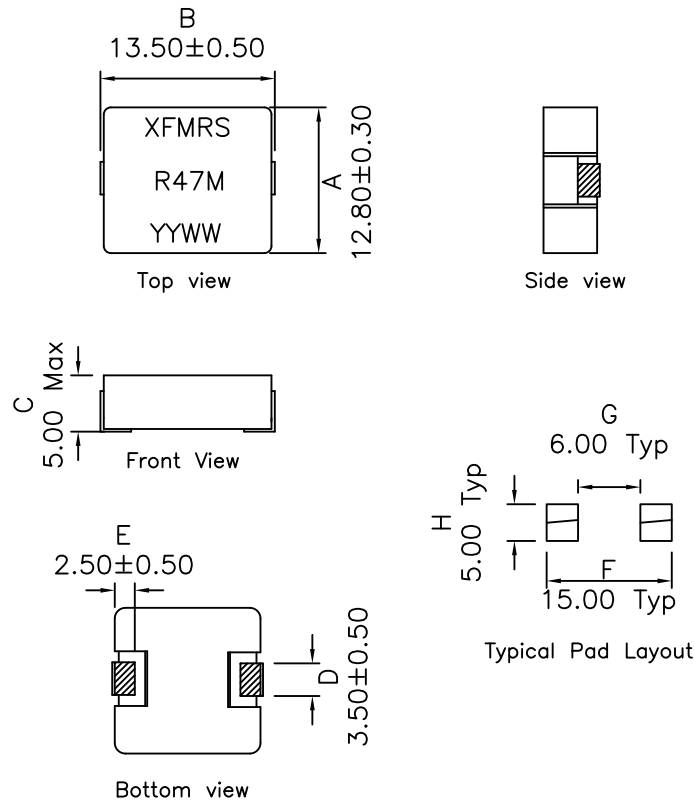
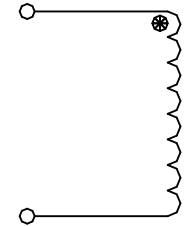


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

- OCL: 0.47uH±20% @100KHz, 1.0V
- Q: 20 Min @100KHz, 1.0V
- DCR: 1.30 mOhms Max, 1.10mOhms Typ
- Irated: 38.0A (Based on 40°C Temp Rise)
- Isat: 65.0A (Based on Approximately 30% drop in OCL)
- SRF: 60MHz 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: -55°C to +125°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/4

XFMRS Inc www.XFMRS.com	Title: XFHCL4 SERIES MAGNETICALLY SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-R47M	REV. A
TOLERANCES: .xx ±0.25	DWN.	Huo	Jan-11-19
Dimensions in MM	CHK.	YK Liao	Jan-11-19
SHEET 1 OF 1	APP.	BW	Jan-11-19