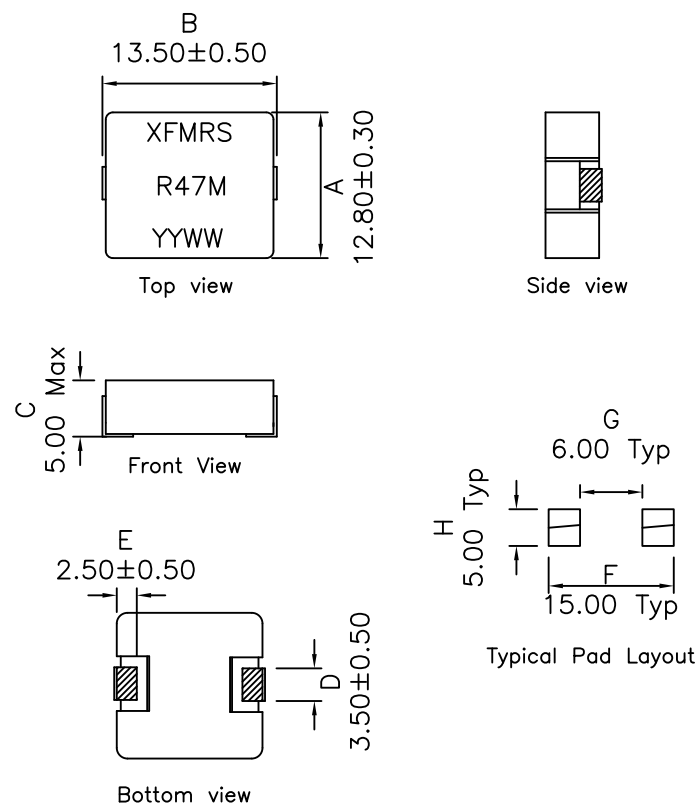


1. Mechanical Dimensions:

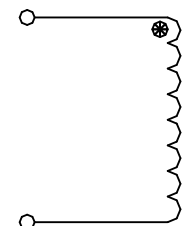


Notes:

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: $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/4

2. Schematic:



3. Electrical Specifications: @25°C

OCL: $0.47\mu\text{H} \pm 20\%$ @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

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

Jan-11-19

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