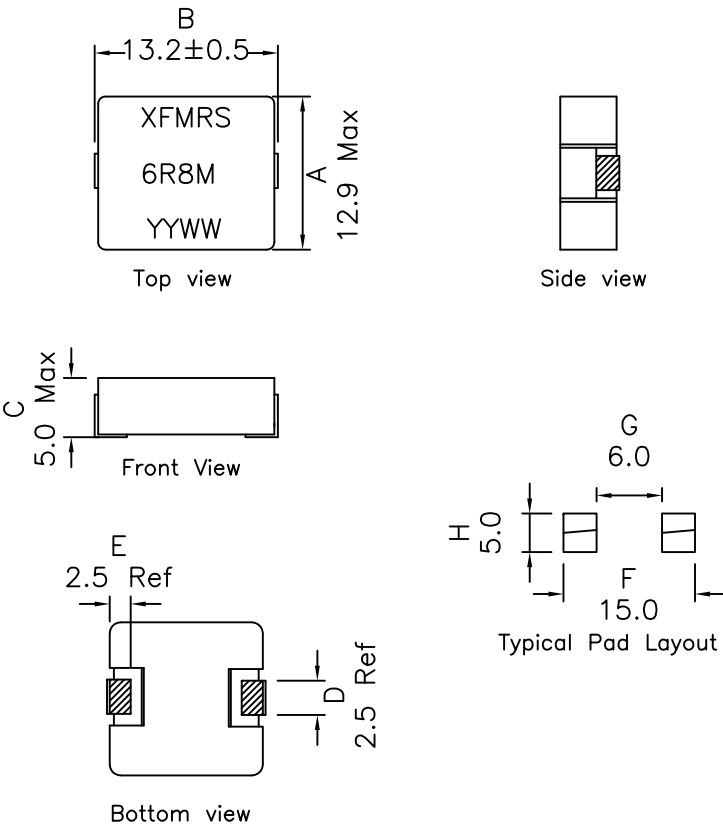


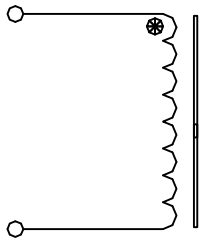
1. Mechanical Dimensions:



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

2. Schematic:



3. Electrical Specifications: @25°C

OCL: $6.8\mu\text{H} \pm 20\%$ @100KHz, 0.25V

Q: 35 Min @100KHz, 0.1V

DCR: 18.5 mOhms Max

I_{rated}: 11.0A (Based on 40°C Temp Rise)

I_{sat}: 21.0A (Based on 20% drop in OCL)

DOC REV: A/4

XFMRS Inc www.XFMRS.com	Title: XFHCL4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED		P/N: XFHCL4-6R8M
	TOLERANCES:		REV. A
	.xx ±0.25		DWN. Yuan Nov-26-12
Dimensions in MM		CHK. YK Liao	Nov-26-12
SHEET 1 OF 1		APP. BSJ	Nov-26-12

PROPRIETARY

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