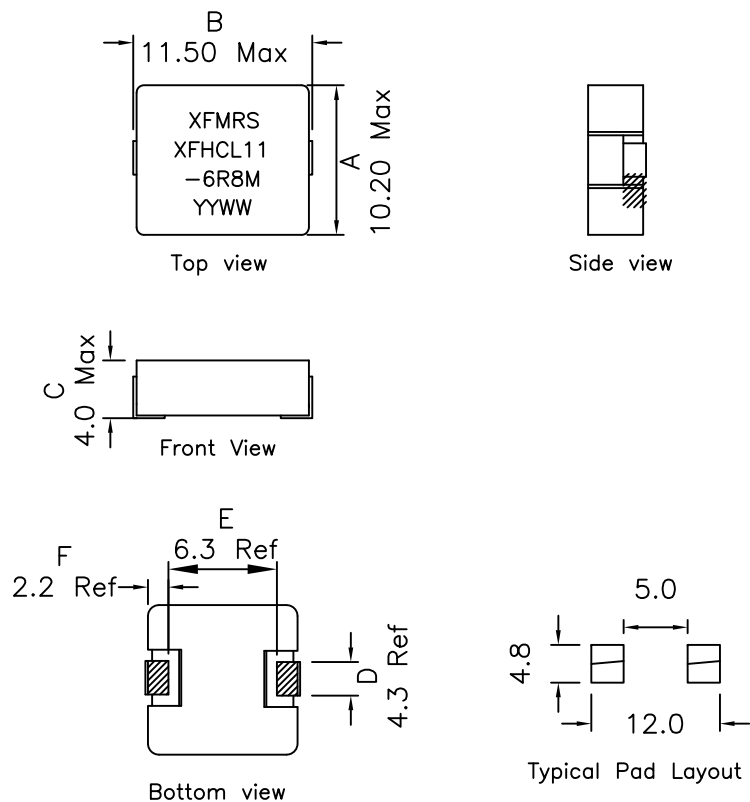


1. Mechanical Dimensions:

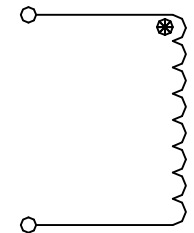


Notes:

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 -55°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/2

2. Schematic:



3. Electrical Specifications: @25°C

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

Q: 35 Min @100KHz, 0.25V

DCR: 21.2 mOhms Typ 23.3 mOhms Max

Isat: 13.5A (Based on 20% drop in OCL)

Irms: 8.0A (Based on 40°C Temp Rise)

SRF: 8MHz Min

PROPRIETARY

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XFMRS Inc www.XFMRS.com	Title: XFHCL11 SERIES INDUCTORS		
	P/N: XFHCL11-6R8M		REV. A
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	DWN.	Yuan
		CHK.	YK Liao
		APP.	DDC
SHEET 1 OF 1			Jul-21-15