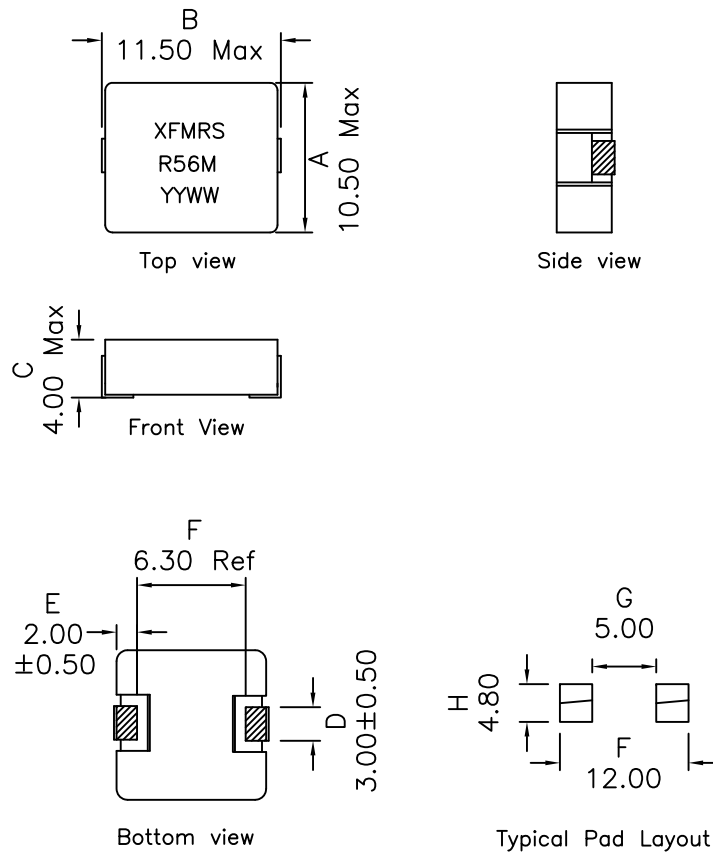
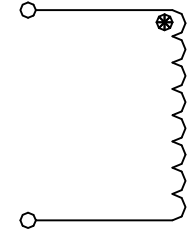


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.56uH±20% @100KHz, 0.25V

Q: 23 Min @100KHz, 0.25V

DCR: 1.8 mOhms Max

Isat: 49.0 A (Based on 20% Typ drop in OCL)

Irms: 27.5A (Based on 40°C Typ Temp Rise)

SRF: 45MHz 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) Max
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system
12. Recommended IR Reflow peak temp of 260°C Max.

DOC. REV: A/9

XFMRS Inc www.XFMRS.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL11-R56M	REV. A
TOLERANCES: .xx ±0.25	DWN.	Huo	Oct-20-17
Dimensions in MM	CHK.	YK Liao	Oct-20-17
SHEET 1 OF 1	APP.	GL	Oct-20-17