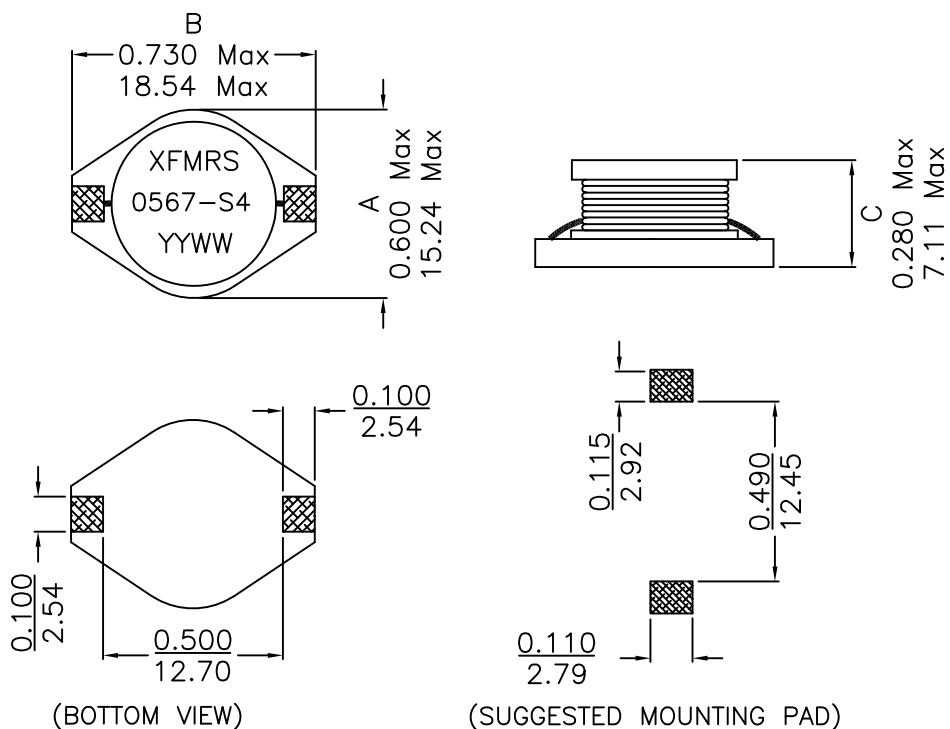
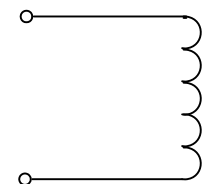


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

INDUCTANCE: 5.6 μ H \pm 20% @100KHz 0.1V

Q: tbd Min @100KHz 0.1V

DCR: 20mOhms MAX

Isat: 13.8Adc (Based on a 20% Typ drop in OCL)

Irms: 5.3A (Based on a 40°C Max Temp Rise)

SRF: tbdMHz Typ

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 +125°C
6. Storage Temperature Range: -40°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

DOC REV: A/-

PRELIMINARY

XFMRS Inc www.XFMRS.com	Title: XFSMD4 SERIES INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx \pm 0.010 INCH Dimensions in INCH/MM	P/N: XF0567-S4	REV. A
SHEET 1 OF 1	DWN.	Xiang	Oct-25-16
	CHK.	YK Liao	Oct-25-16
	APP.	GL	Oct-25-16