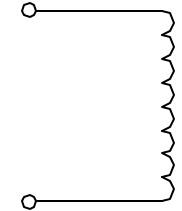
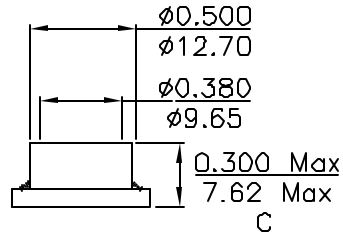
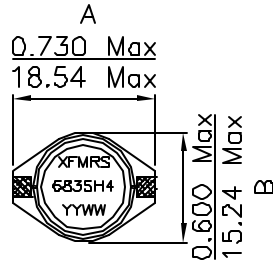


1. Mechanical Dimensions:



2. Schematic:

3. Electrical Specifications:@25°C

OCL: 68uH±20% @100KHz 0.1V

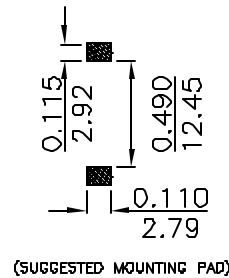
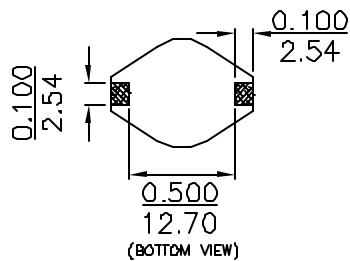
Q: 20 Min @100KHz 0.1V

DCR: 0.138 Ohms Max

Isat: 3.0Adc (Based on 10% drop in OCL)

Irms: 2.0Arms (Based on 40°C Temp Rise)

SRF: 9MHz 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 +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/3

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XFMRS Inc www.XFMRS.com		Title: XFxxxSH4 SERIES INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH .xx ±0.25 mm Dimensions in INCH/mm		P/N: XF683SH4	REV. A
		DWN.	Xianyi
		CHK.	YK Liao
		APP.	Joe Huff
SHEET 1 OF 1			Dec-10-09