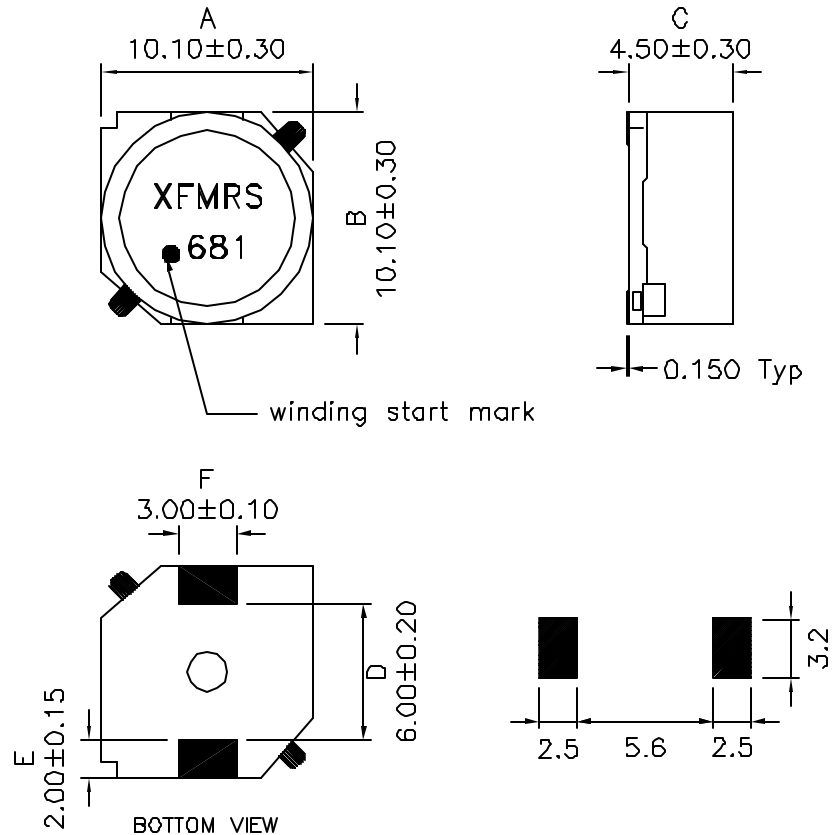
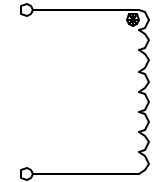


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: $680 \mu\text{H} \pm 20\%$ @1.0KHz 0.5V

DCR: 1.60 Ohms $\pm 20\%$

IDC 1: 0.38Adc Max (Based on 10% drop in OCL)

IDC 2: 0.38Adc Max (Based on 30°C Temp Rise)

OCL with 0.38Adc drop 10% Max

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: $\pm 0.004^\circ$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/4

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XFMRS Inc	Title: INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx. ± 0.25 Dimensions in MM	P/N: XF10145S-681M	REV. A
	DWN. Juan Mao	Aug-07-07
	CHK. YK Liao	Aug-07-07
SHT 1 OF 1	APP. Joe Huff	Aug-07-07