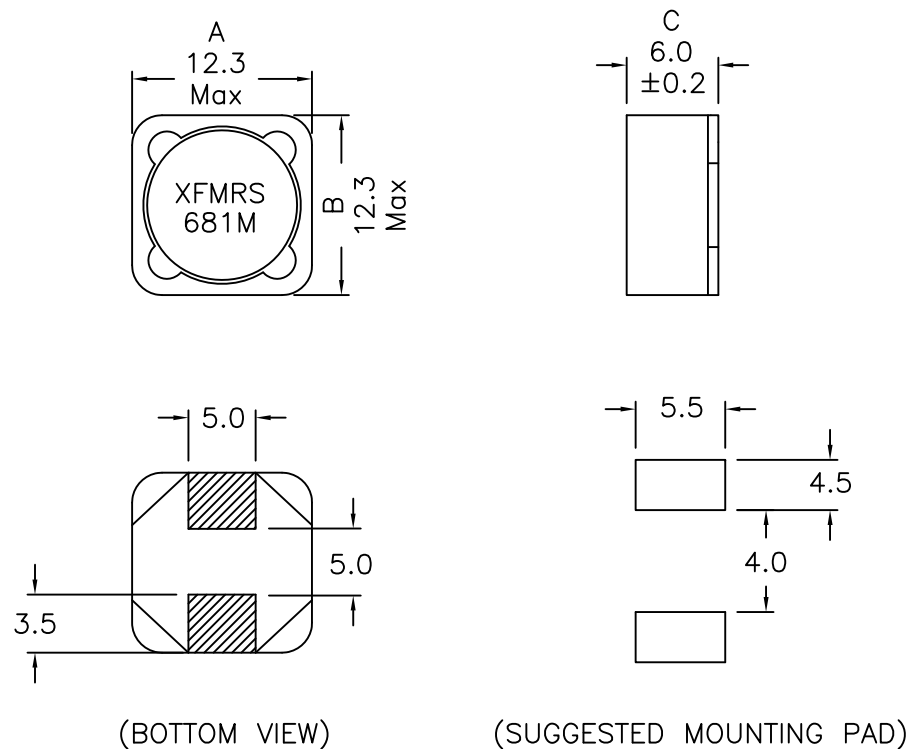


1. Mechanical Dimensions:

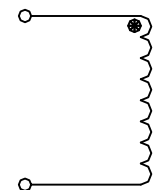


Notes:

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 -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004''$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/1

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 680uH \pm 20% @100KHz 0.1V, 0Adc

DCR: 1.200 Ohms Max

Isat: 0.48Adc (Based on 10% drop in OCL)

Irms: 0.80A (Based on 40°C Temp Rise)

SRF: 2.6MHz Typ

Q: tbd Min @100KHz, 0.1V

| | | | |
|---|-------------------------------------|-----------------------|-----------|
| XFMRs Inc. www.XFMRS.com | Title: XFTPRH1205B SERIES INDUCTORS | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XFTPRH1205B-681M | REV. A |
| TOLERANCES: TYPICAL | DWN. | Juan Mao | Mar-25-13 |
| Dimensions in MM | CHK. | YK liao | Mar-25-13 |
| SHEET 1 OF 1 | APP. | BSJ | Mar-25-13 |