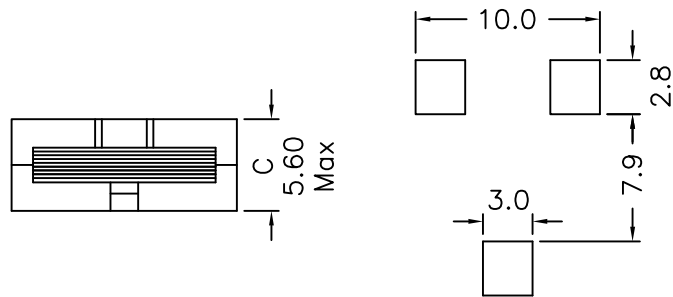
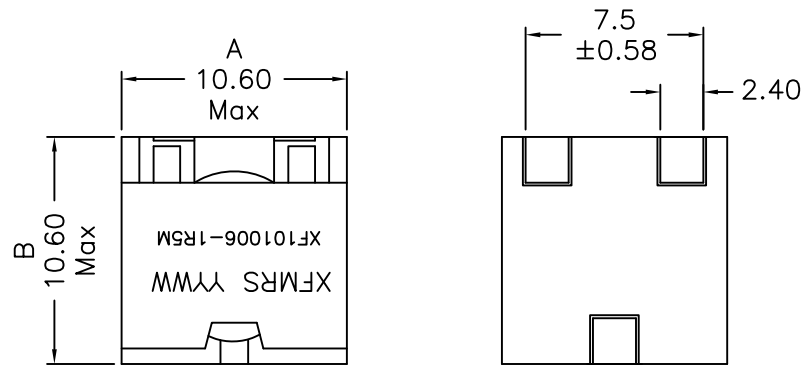


1. Mechanical Dimensions:



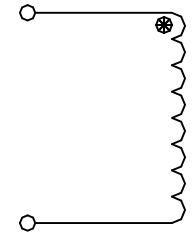
PCB Layout

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
11. Recommended IR Reflow peak temp of 235C Max.

DOC. REV: A/4

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 1.5uH \pm 20% @100KHz, 0.10V, 0Adc
 1.2uH \pm 20% @100KHz, 0.10V, 20Adc

Q: 8 Min @100KHz, 0.10V

DCR.: 5.00 mOhms Max

Hipot: 500V @1.0mA Max, 1 Min (Wdg to Core)

Insulation Resistance: 100MOhms Min @200V

XFMR5 Inc www.XFMR5.com	Title: SM INDUCTOR		
	UNLESS OTHERWISE SPECIFIED		P/N: XF101006-1R5M
TOLERANCES: .xx \pm 0.25 Dimensions in mm	DWN.	Yuan	REV. A Oct-05-13
	CHK.	YK Liao	Oct-05-13
SHEET 1 OF 1	APP.	BSJ	Oct-05-13