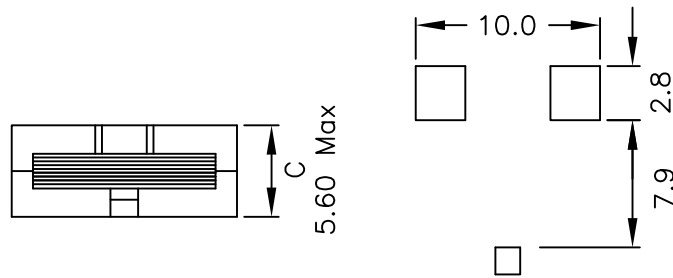
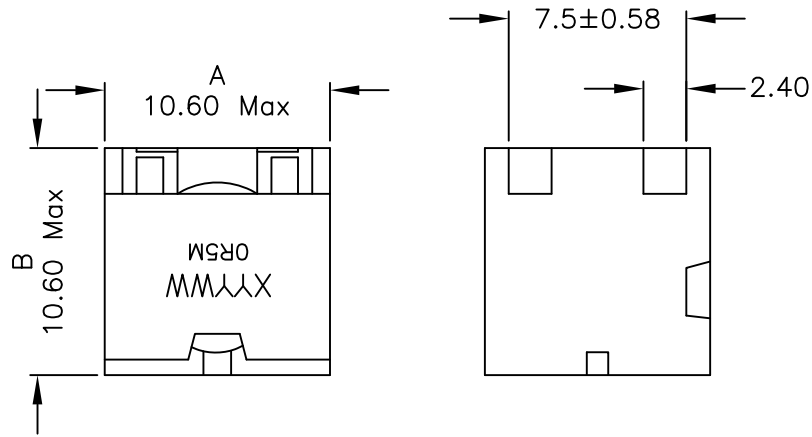


1. Mechanical Dimensions:

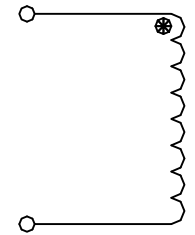


PCB Layout

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 -55°C to +125°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

2. Schematic:



3. ELECTRICAL SPECIFICATIONS: @25°C

OCL: 0.5uH±20% @100KHz, 0.10V, 0DC

Q : 5 Min @10KHz, 50mV

Idc: 26.0A Max

DCR.: 2.3mOhms Max

HIPOT: 300VDC @1.0mA Max, 2 min (Wdg to Core)

Insulation Resistance: 100MOhms min @200V

DOC. REV A/4

XFMRs Inc www.XFMRs.com	Title: SM INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XF101006-0R5M	REV. A
TOLERANCES: .xx ±0.25	DWN.	Yuan	Jan-25-13
Dimensions in mm	CHK.	YK Liao	Jan-25-13
SHEET 1 OF 1	APP.	BSJ	Jan-25-13

PROPRIETARY

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