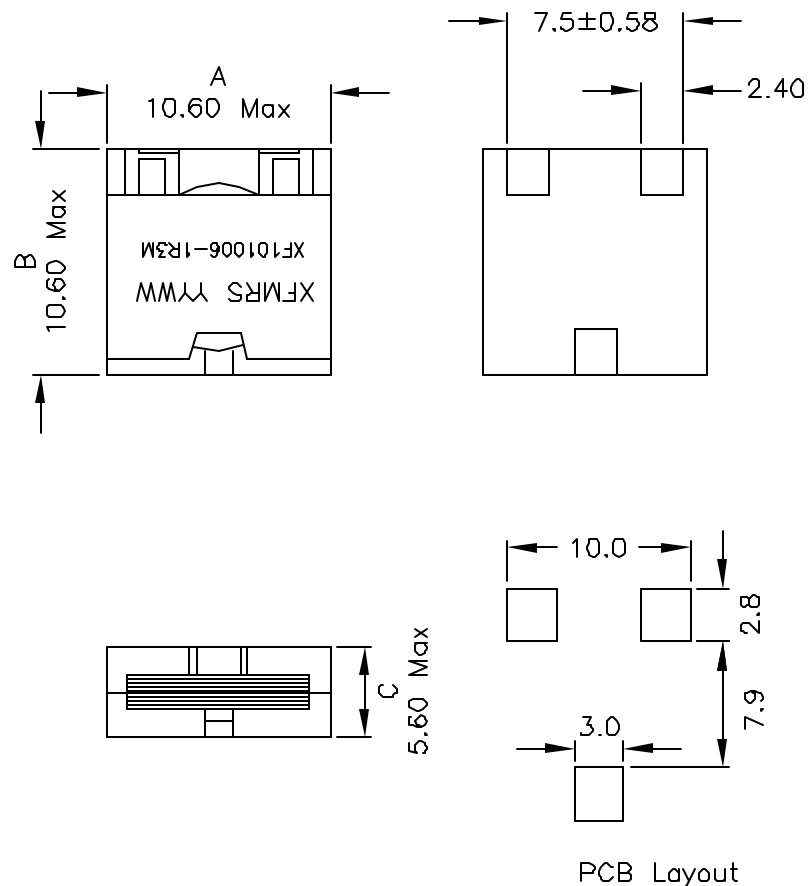


1. Mechanical Dimensions:

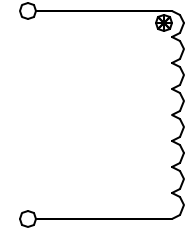


Notes:

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 E151558
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to $+85^\circ\text{C}$
6. Storage Temperature Range: -55°C to $+125^\circ\text{C}$
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004^*(0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV A/2

2. Schematic:



3. ELECTRICAL SPECIFICATIONS: @25°C

OCL: $1.3\mu\text{H} \pm 20\%$ @100KHz, 0.10V, 0DC

ISat: 16.8A Max (Based on 30% drop in OCL)

Irms: 11.2A Max (Based on 40°C Temp Rise)

DCR.: 5.3mOhms Max

HIPOT: 500V @1.0mA Max, 1 min (Wdg to Core)

Insulation Resistance: 100MOhms min @200V

XFMRS Inc www.XFMRS.com	Title: SM INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XF101006-1R3M	REV. A
TOLERANCES: .xx ± 0.25	DWN.	Juan Mao	Feb-15-07
Dimensions in mm	CHK.	YK Liao	Feb-15-07
SHEET 1 OF 1	APP.	BW	Feb-15-07