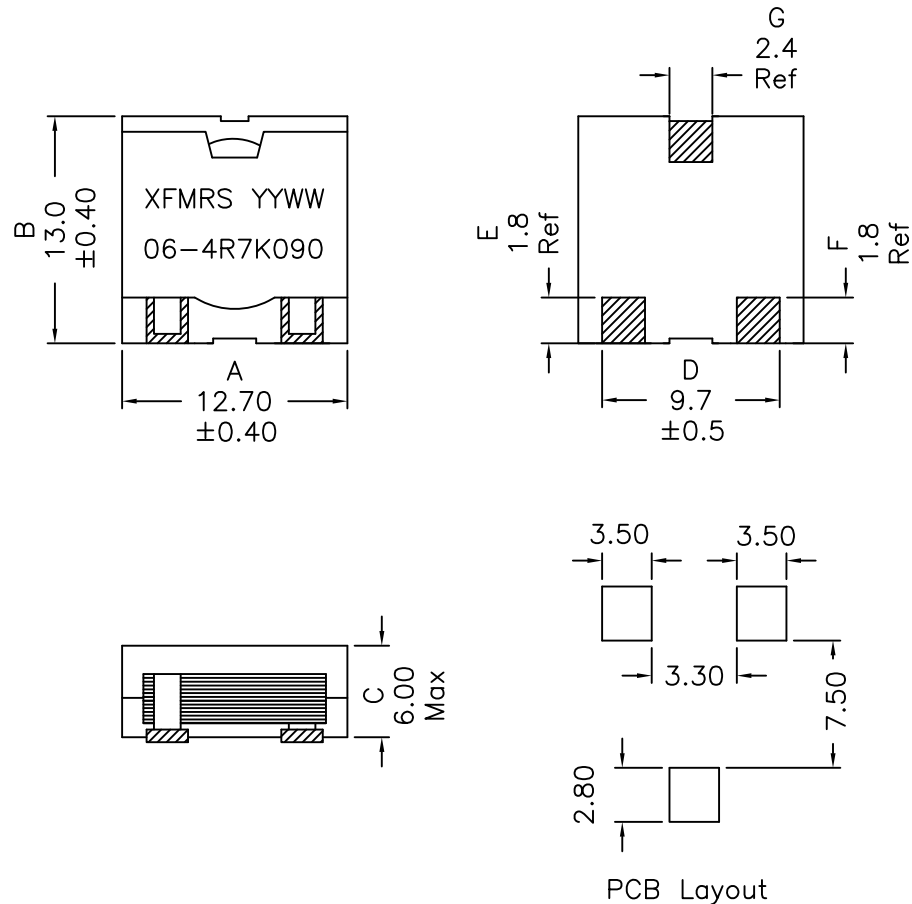


1. Mechanical Dimensions:

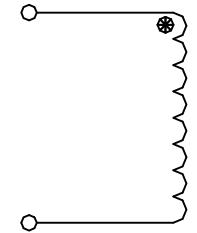


Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV: A/4

2. Schematic:



3. ELECTRICAL SPECIFICATIONS: @25°C

OCL: 4.7uH±10% @100KHz 0.1V, 0Adc

Q: 8 Min @100KHz 0.1V, 0Adc

Isat: 9.5A (Based on 10% OCL Drop)

Irms: 9.4A (Based on 40°C Temp. Rise)

DCR: 5.50 mOhms Typ 6.05 mOhms Max

SRF: 22MHz Typ

XFMRs Inc www.XFMRS.com		Title: High Current smd Inductor	
UNLESS OTHERWISE SPECIFIED		P/N: XF121206-4R7K090	REV. A
TOLERANCES: .xx ±0.25		DWN.	Yuan Jun-05-13
Dimensions in MM		CHK.	YK Liao Jun-05-13
SHEET 1 OF 1		APP.	Joe Huff Jun-05-13