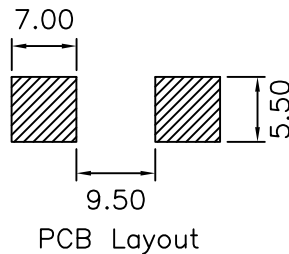
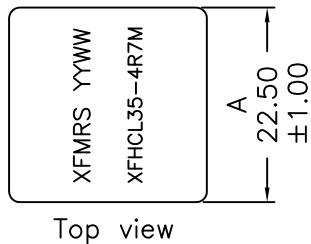
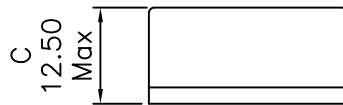
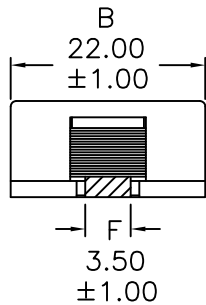
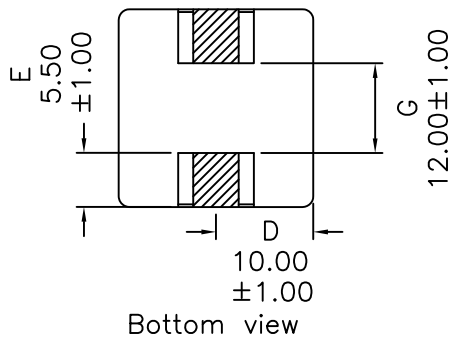
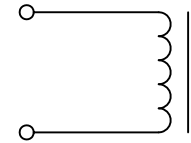


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

OCL: 4.7uH ±20% @100KHz 10mA

Q: 15 Min @10KHz 50mV

Rated current: 47.0A Max (Based on 50°C Rise in Temp)

I_{sat}: 37.0A Typ (Based on 30% drop in OCL Max)

DCR: 1.84mOhms Max at +25C

SRF: 15 MHz Min

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 +125°C
6. Ambient Temperature: -40°C to +85°C
7. Storage Temperature Range: -20°C to +40°C
8. Aqueous wash compatible
9. SMD Lead Coplanarity: ±0.004" (0.102mm)
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component
12. Recommended IR Reflow peak temp of 235C Max.

DOC. REV: A/2

XFMRs Inc www.XFMRS.com		Title: SMD Flat Wire High Current Inductor	
UNLESS OTHERWISE SPECIFIED		P/N: XFHCL35-4R7M	REV. A
TOLERANCES: .xx ±0.25		DWN. Yuan	Sep-29-15
Dimensions in MM		CHK. YK Liao	Sep-29-15
SHEET 1 OF 1		APP. BSJ	Sep-29-15