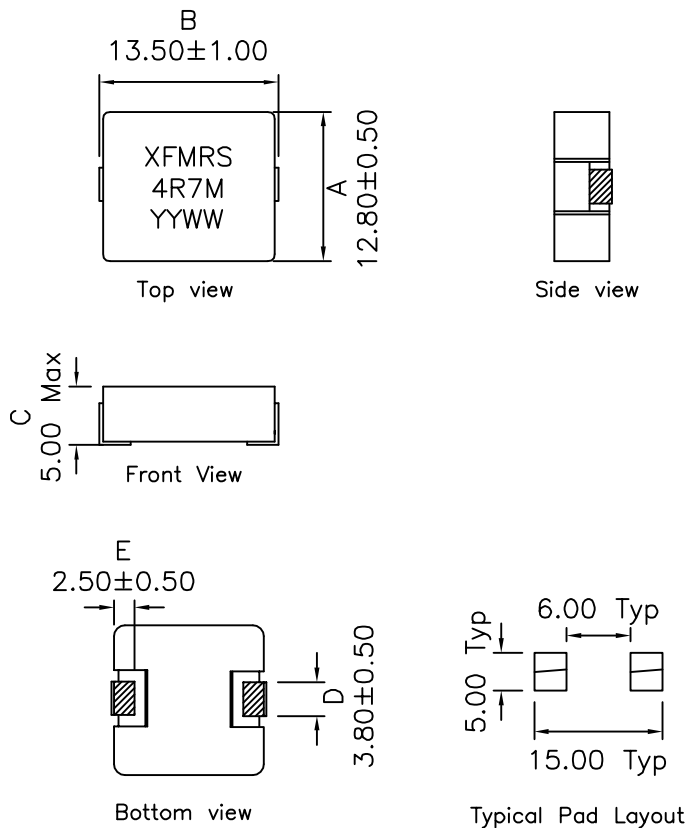


1. Mechanical Dimensions:

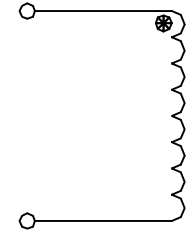


Notes:

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 E151556
5. Operating Temperature: -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) Max
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system
12. Recommended IR Reflow peak temp of 260°C Max.

DOC REV: A/9

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 4.7uH±20% @100KHz, 0.25V 0ADC

DCR: 15.0 mOhms Max

Irated: 14.0A Typ (Based on 40°C Temp Rise)

Isat: 27.0A (Based on 30% Typ drop in OCL)

Q: 30 Min @100KHz, 0.25V

SRF: 8MHz Min

| | | | |
|--|---------------------------------------|------------------|-----------|
| XFMRS Inc www.XFMRS.com | Title: XFHCL4 SERIES INDUCTORS | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XFHCL4-4R7M | REV. A |
| TOLERANCES: .xx ±0.25 | DWN. | Huo | Mar-01-18 |
| Dimensions in MM | CHK. | YK Liao | Mar-01-18 |
| SHEET 1 OF 1 | APP. | DDC | Mar-01-18 |