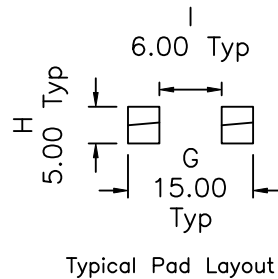
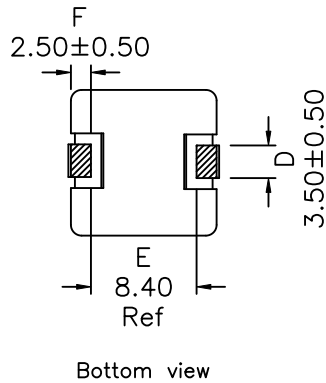
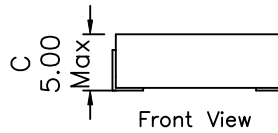
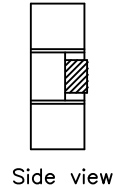
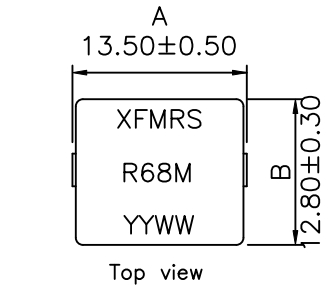
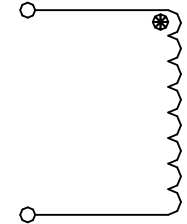


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.68uH±20% @100KHz, 1V

Q: tbd Min @100KHz, 1V

DCR: 1.7mOhms Max

Isat: 34.0A (Based on 40°C Temp Rise)

Isat: 54.0A (Based on 20% Typ drop in OCL)

SRF: tbdMHz Min

Notes:

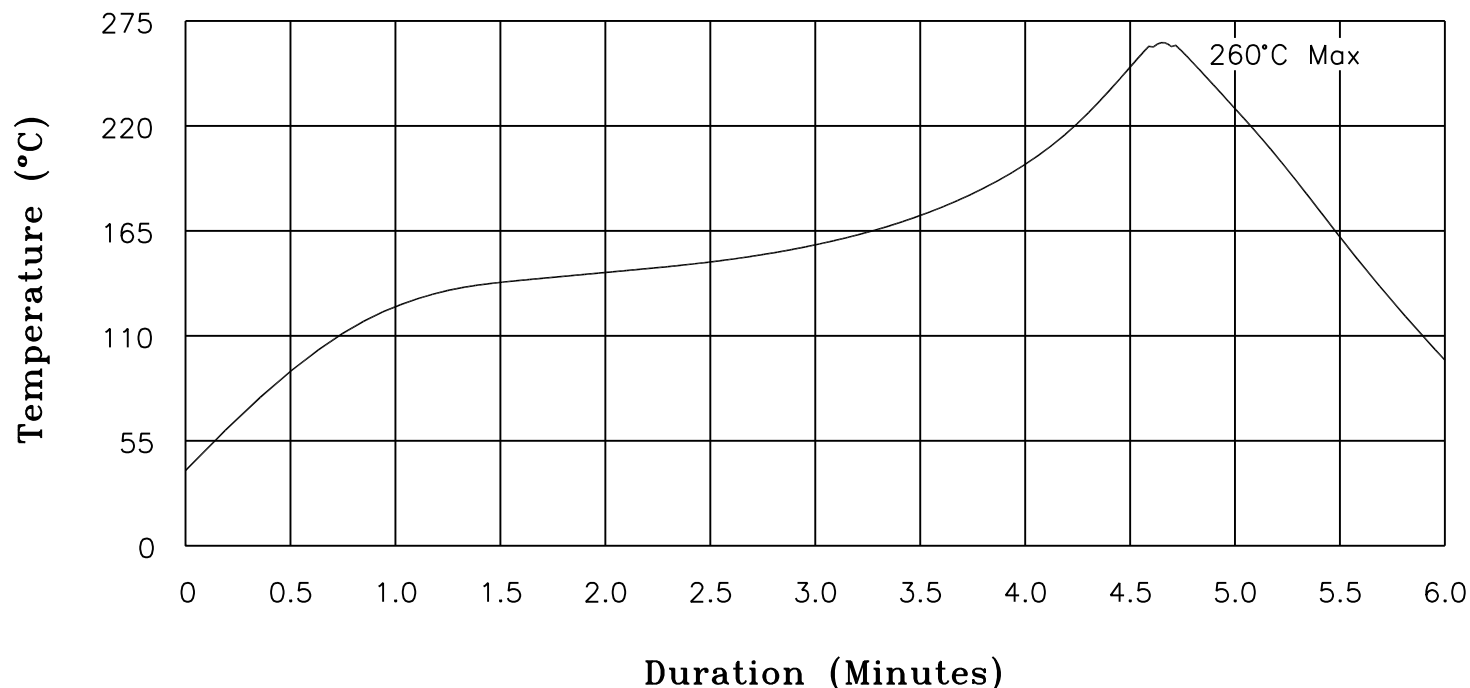
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature: -55°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: 0.004"(0.102mm) Max
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 260°C Max.
12. Outsourced item processed & controlled under XFMR5 QA system
13. AEC-Q200 Certified Product

| | | | |
|--------------------------------|--|------------------|-----------|
| XFMR5® www.XFMR5.com | Title: XFHCL4 SERIES INDUCTORS | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XFHCL4-R68M | REV. A |
| TOLERANCES: .xx ±0.25 | DWN. | Huo | Oct-11-19 |
| Dimensions in MM | CHK. | YK Liao | Oct-11-19 |
| SHEET 1 OF 1 | APP. | BW | Oct-11-19 |

DOC. REV: A/1

XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts

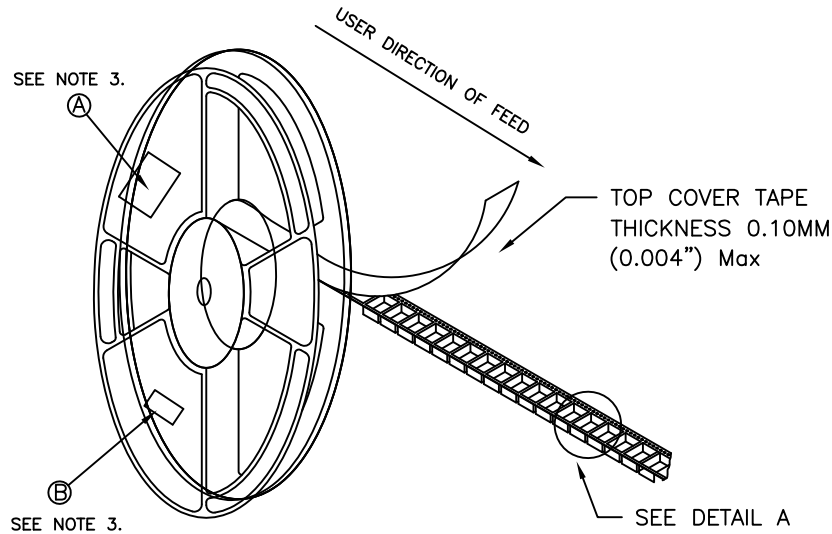


NOTES: Maximum duration at 260°+0/-5° shall be 10-20 seconds.
 Maximum duration above 217° shall be 60-150 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

| | | | | |
|-----------------------------------|--|----------|-----------|--|
| XFMRs Inc www.XFMRs.com | Title: IR REFLOW CHART (RoHS Compliant parts) | | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A | P/N: N/A | REV. A | |
| | DWN. | Juan Mao | Jan-16-05 | |
| | CHK. | YK Liao | Jan-16-05 | |
| SHEET 1 OF 1 | APP. | MS | Jan-16-05 | |

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TAPE AND REEL SPECIFICATION:



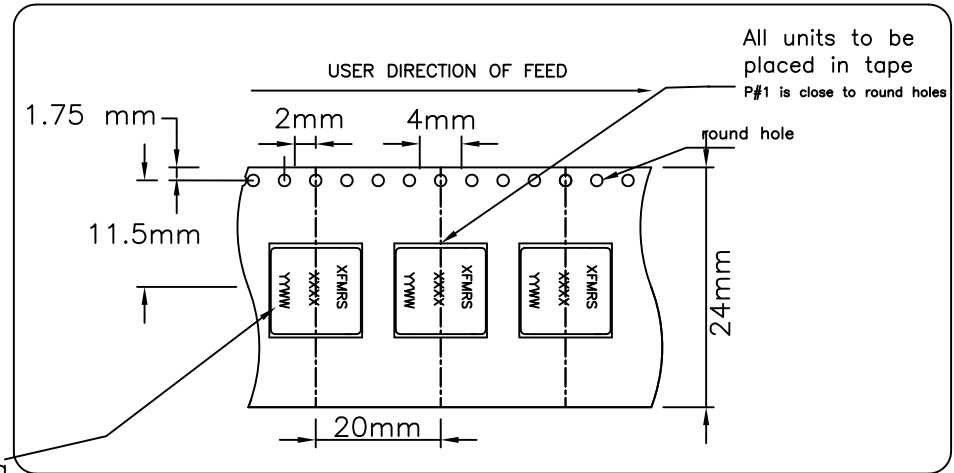
REEL AND TAPE ORIENTATION

13" REEL DIAMETER

NOTES:

- 1) PROCESS IN ACCORDANCE WITH EIA-481-2 STANDARDS
 - * TAPE LEADER DIMENSION 15.30" MIN.
 - * TAPE TRAILER DIMENSION 6.30" MIN.
- 2) PARTS SHOULD BE PACKAGED IN ACCORDANCE WITH ESD GUIDELINES IN EIA-541.
- 3) REEL LABEL: 'A' * PART NUMBER
 - * QUANTITY
 - * DATE CODE
- 4) 500pcs PER 13" REEL

DETAIL A



Details Marking
Refer to the
FG drawing

All units to be
placed in tape
P#1 is close to round holes

DOC REV: A/1

| | | | | |
|-----------------------------------|----------------------------|------|--------------------|-----------|
| XFMR5 Inc www.XFMR5.com | Title: T&R SPEC | | | |
| | UNLESS OTHERWISE SPECIFIED | | P/N: XFHCL4 Series | REV: A |
| TOLERANCES: | .xxs ±0.05 | DWN. | Kong | Jan-01-19 |
| Dimensions in mm | | CHK. | YK Liao | Jan-01-19 |
| SHT 1 OF 1 | | APP. | GL | Jan-01-19 |

PROPRIETARY

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