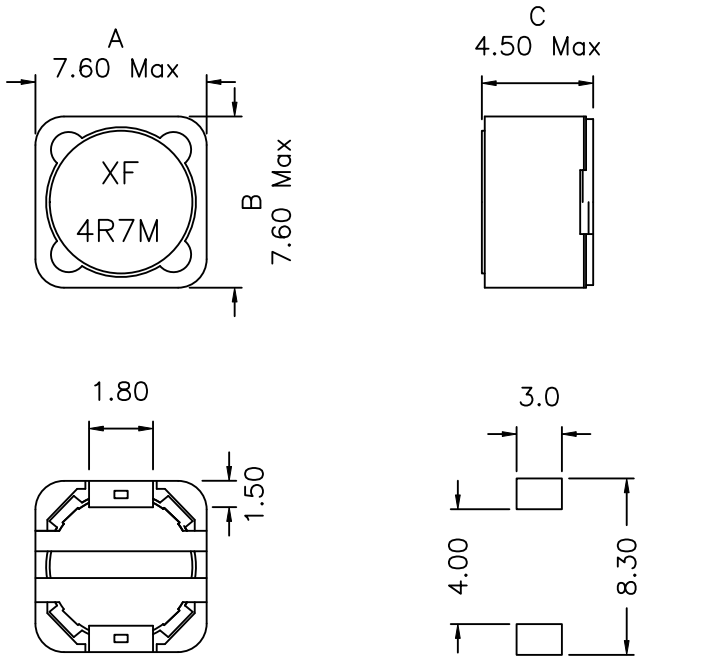
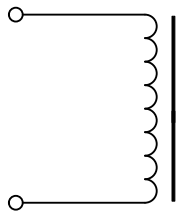
1. Mechanical Dimensions:



(BOTTOM VIEW)

(SUGGESTED PAD LAYOUT)

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 4.70uH±20% @100KHz 0.25V, @20°C

DCR: 0.029 Ohms Max, @20°C

Isat: 3.78Adc (Apx 30% drop in L at 20°C)

Irms: 3.4A (Apx 20°C rise without core loss)

Q: 15 Min @100KHz 0.25V

SRF: 25MHz 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: -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow temp of 250°C Max

DOC REV: A/7

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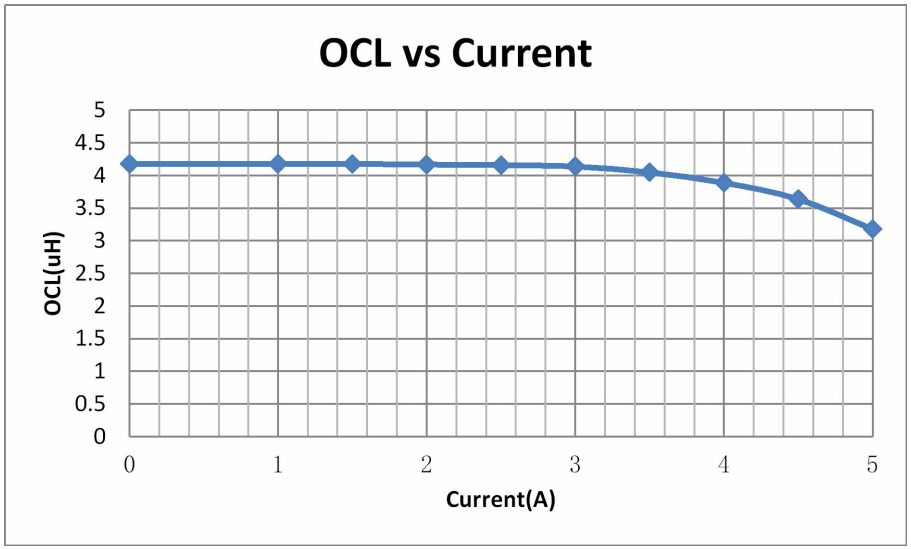
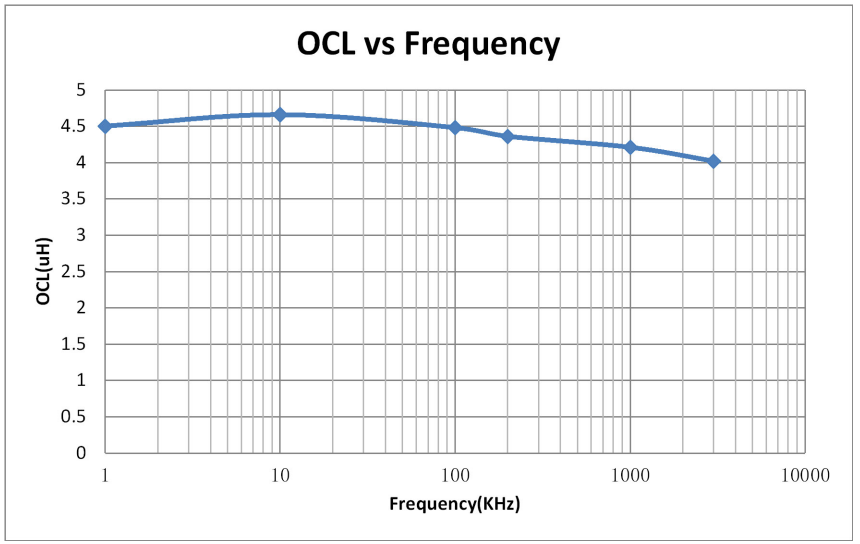
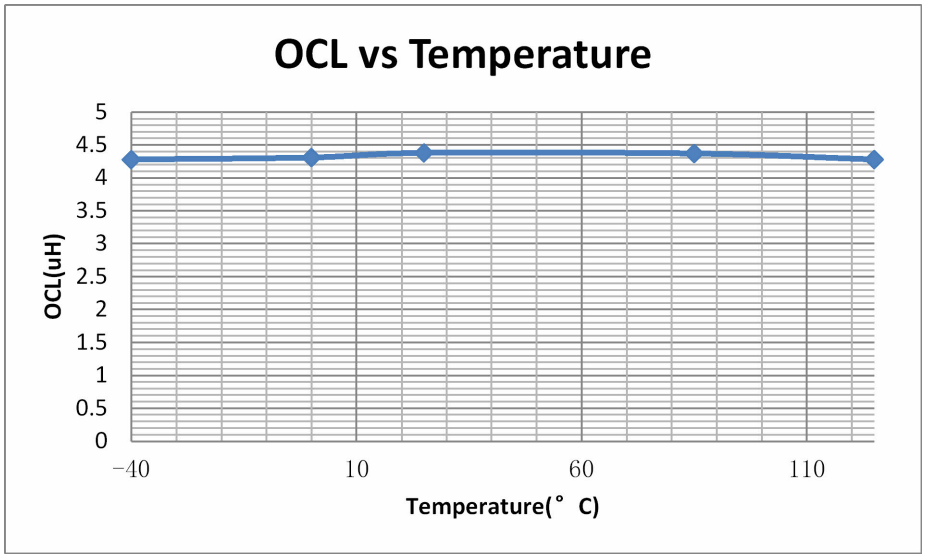
XFMRS® www.XFMRS.com	Title: Shielded SMD Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFTPRH74-4R7M		REV A
	DWN.	Yu	Dec-05-23
	CHK.	YK Liao	Dec-05-23
SHEET 1 OF 2	APP.	BW	Dec-05-23







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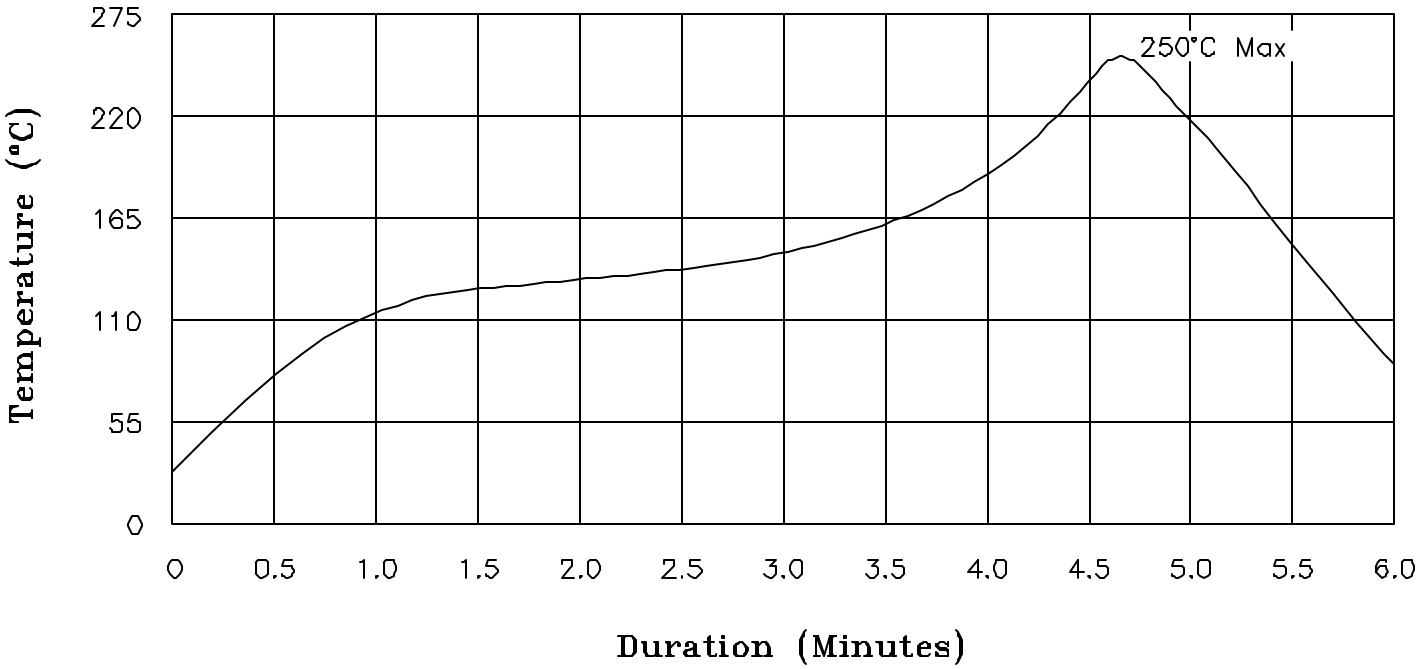
XFMRS® www.XFMRS.com	Title: Shielded SMD Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFTPRH74-4R7M		REV A
	DWN.	Yu	Dec-05-23
	CHK.	YK Liao	Dec-05-23
SHEET 2 OF 2	APP.	BW	Dec-05-23

XFMRS

Recommended Infrared Reflow Temperature Profile for Select Parts



NOTES: Maximum duration at 250°+0/−5° shall be 10−15 seconds.
Maximum duration above 217° shall be 50−120 seconds.
ALL Temperatures refer to topside of the package, measured on the package body surface.

XFMRS Inc www.XFMRS.com	Title: IR REFLOW CHART (250°C)		
UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A	P/N: N/A		REV. A
	DWN.	Juan Mao	Dec−20−06
	CHK.	YK Liao	Dec−20−06
SHEET 1 OF 1	APP.	Joe Huff	Dec−20−06

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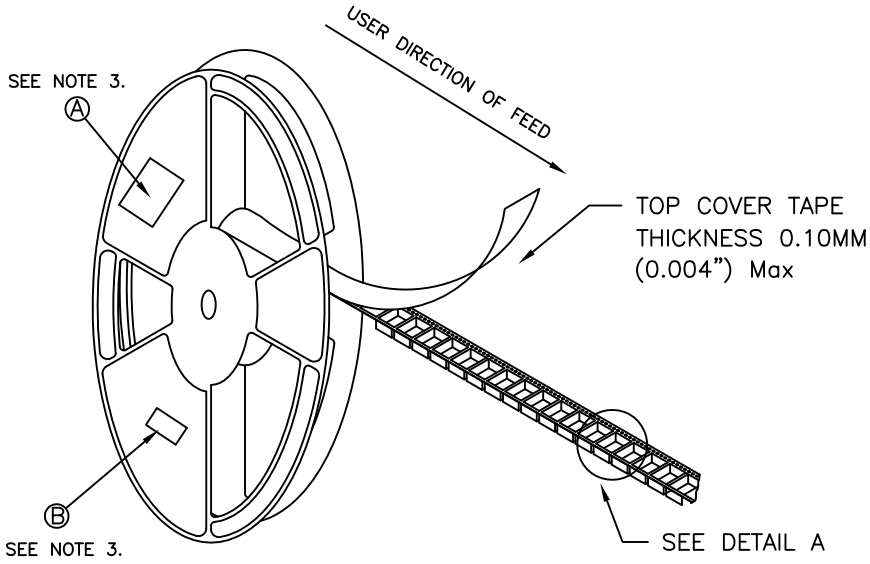
TAPE AND REEL SPECIFICATION:



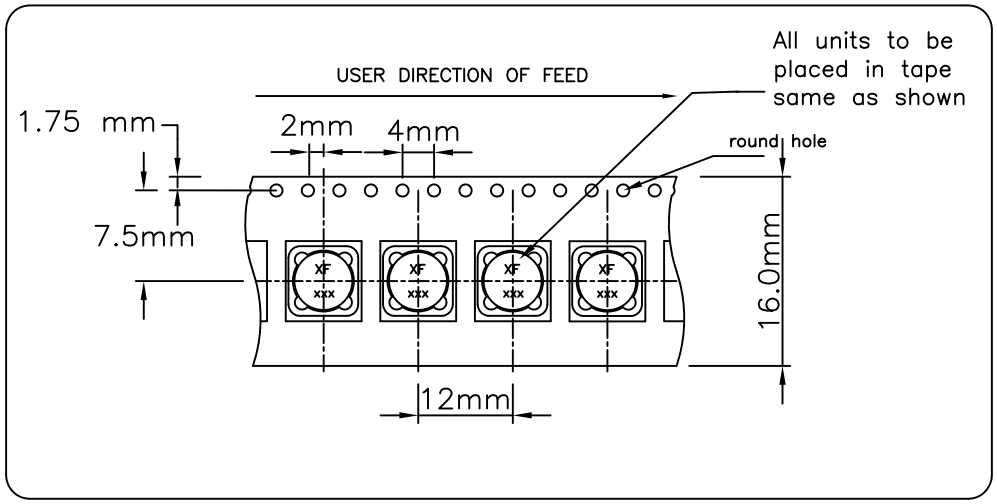
REEL AND TAPE ORIENTATION

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
   'B'- ANTI-STATIC CAUTION LABEL
4) 1000PCS PER 13"REEL

DETAIL A



DOC. REV.A/1

XFMRS Inc	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm	P/N: XFTPRH74 SERIES		REV: A
	DWN.	廖玉坤	AUG-01-01
	CHK.	李清儿	AUG-01-01
SHT 2 OF 2	APP.	BW	AUG-01-01

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