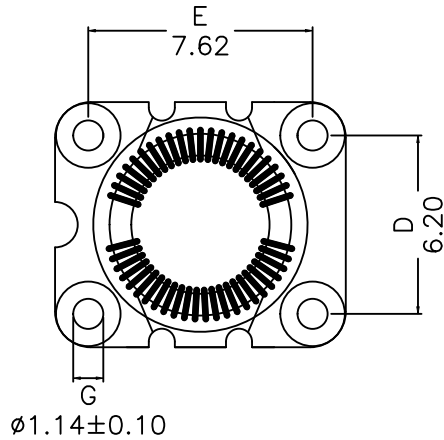
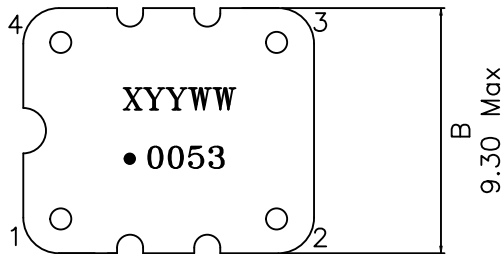
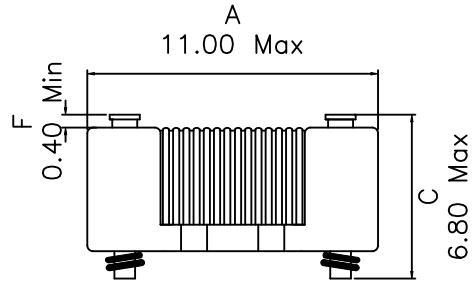
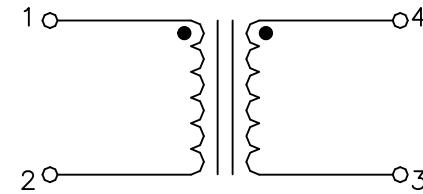


### 1. Mechanical Dimensions:



(BOTTOM VIEW)

### 2. Schematic:



### 3. Electrical Specifications: @25°C

OCL: 4.7mH $\pm$ 30% @10KHz 10mV, Each Wdg

DCR: 1.00 Ohm Max, Each Wdg

CMA: 40dB Typ @100KHz

CMA: 51dB Typ @1MHz

CMA: 38dB Typ @10MHz

HIPOT: 500Vac, Wdg to Wdg

Q: Pins 1-2 40 Min @10KHz 10mV

Notes:

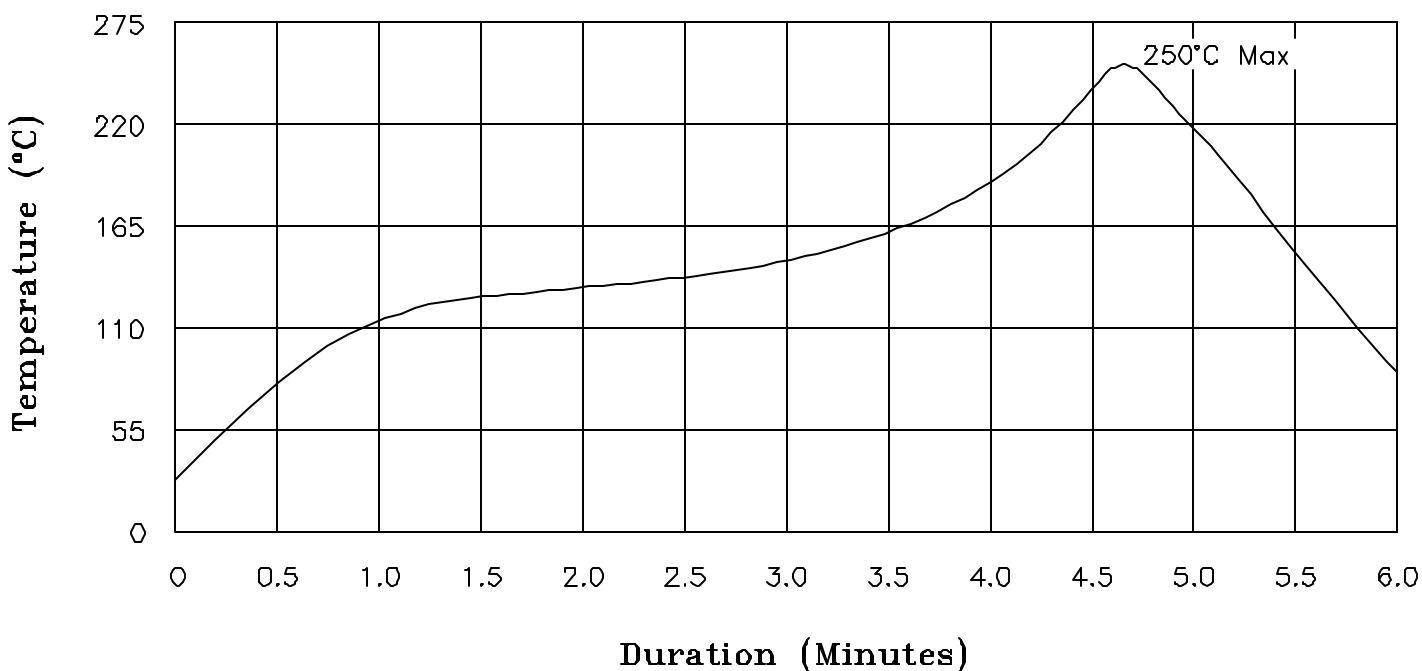
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/10

<b>XFMRs</b> <sup>®</sup> www.XFMRs.com	Title: <b>Common Mode Choke</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm$ 0.25 Dimensions in MM	P/N: XF0053-CMC8	REV. A
SHEET 1 OF 1	DWN.	Feng	Sep-14-20
	CHK.	YK Liao	Sep-14-20
	APP.	Joe Huff	Sep-14-20

# XFMRs

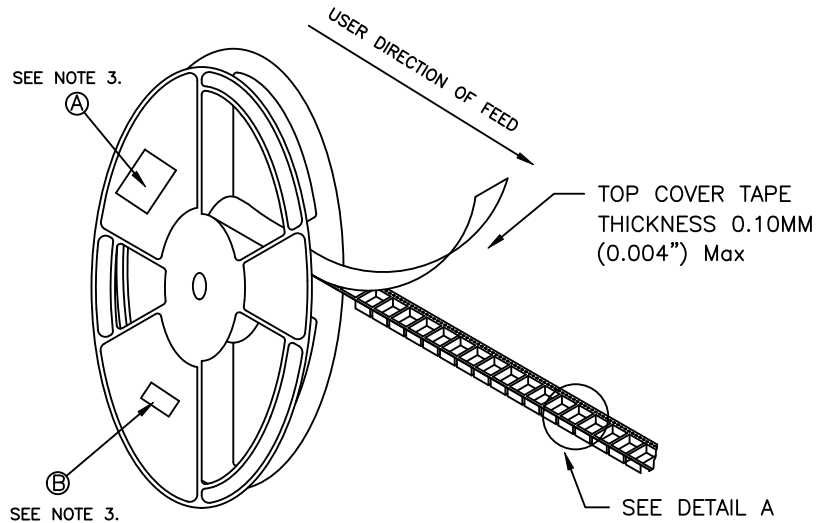
## Recommended Infrared Reflow Temperature Profile for Select Parts



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.

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>IR REFLOW CHART (250°C)</b>			
	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	

# TAPE AND REEL SPECIFICATION:



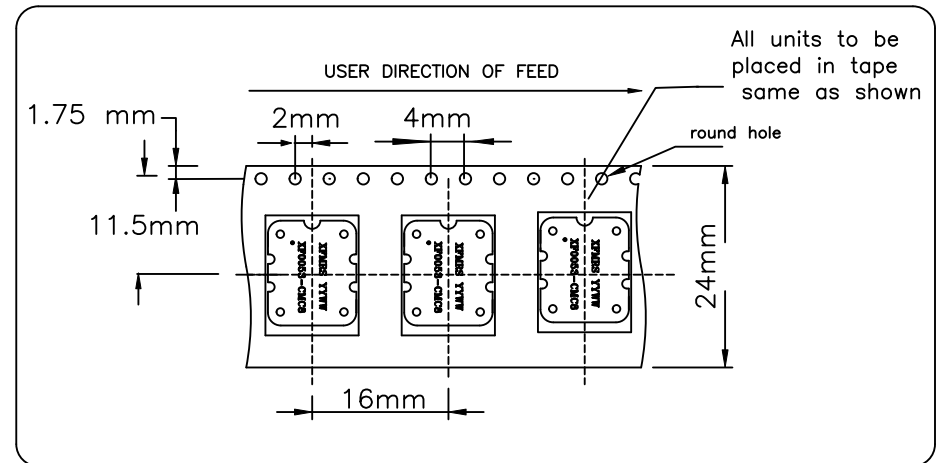
REEL AND TAPE ORIENTATION

**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) 600PCS PER 13"REEL

DETAIL A



DOC REV:A/2

<b>XFMRs Inc</b>	Title: T&R SPEC		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm		P/N: XF0053-CMC8
	DWN.	WENG	REV:A
	CHK.	SUNYI	AUG-25-04
SHT 2 OF 2	APP.	BW	AUG-25-04