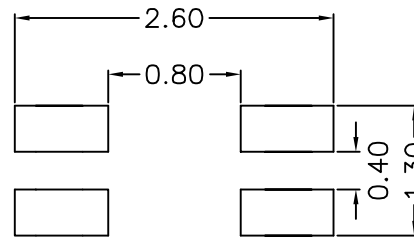
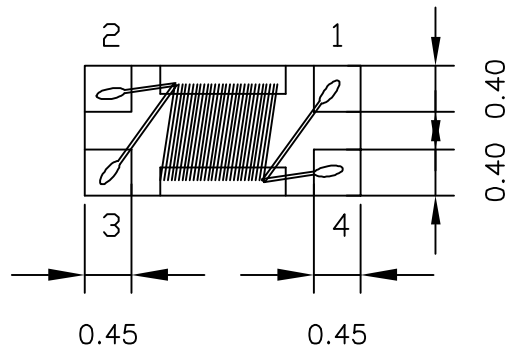
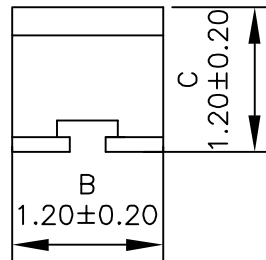
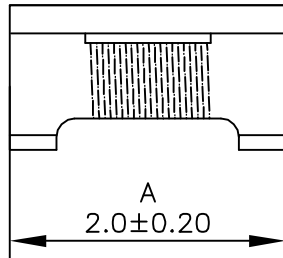
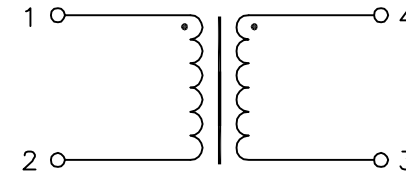


1. Mechanical Dimensions:



Suggested PCB Layout

2. Schematic:



3. Electrical Specifications: @25°C

Common Mode Impedance: $120 \text{ Ohms} \pm 25\%$ @100MHz

Rated Current: 500mA Max

Rated Voltage: 50Vdc

DCR: 0.220 Ohms Max

Insulation Resistance: 10 MOhms Min, 1 Minute

Withstand Voltage: 125Vdc

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: -40°C to $+125^\circ\text{C}$
6. Storage Temperature Range: -55°C to $+125^\circ\text{C}$
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $0.004''(0.102\text{mm})$ 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 XFMRs QA system

XFMRs Inc
www.XFMRs.com

Title:
Common Mode Choke

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ± 0.20

P/N: XFWCMC201213-121 REV A

Dimensions in MM

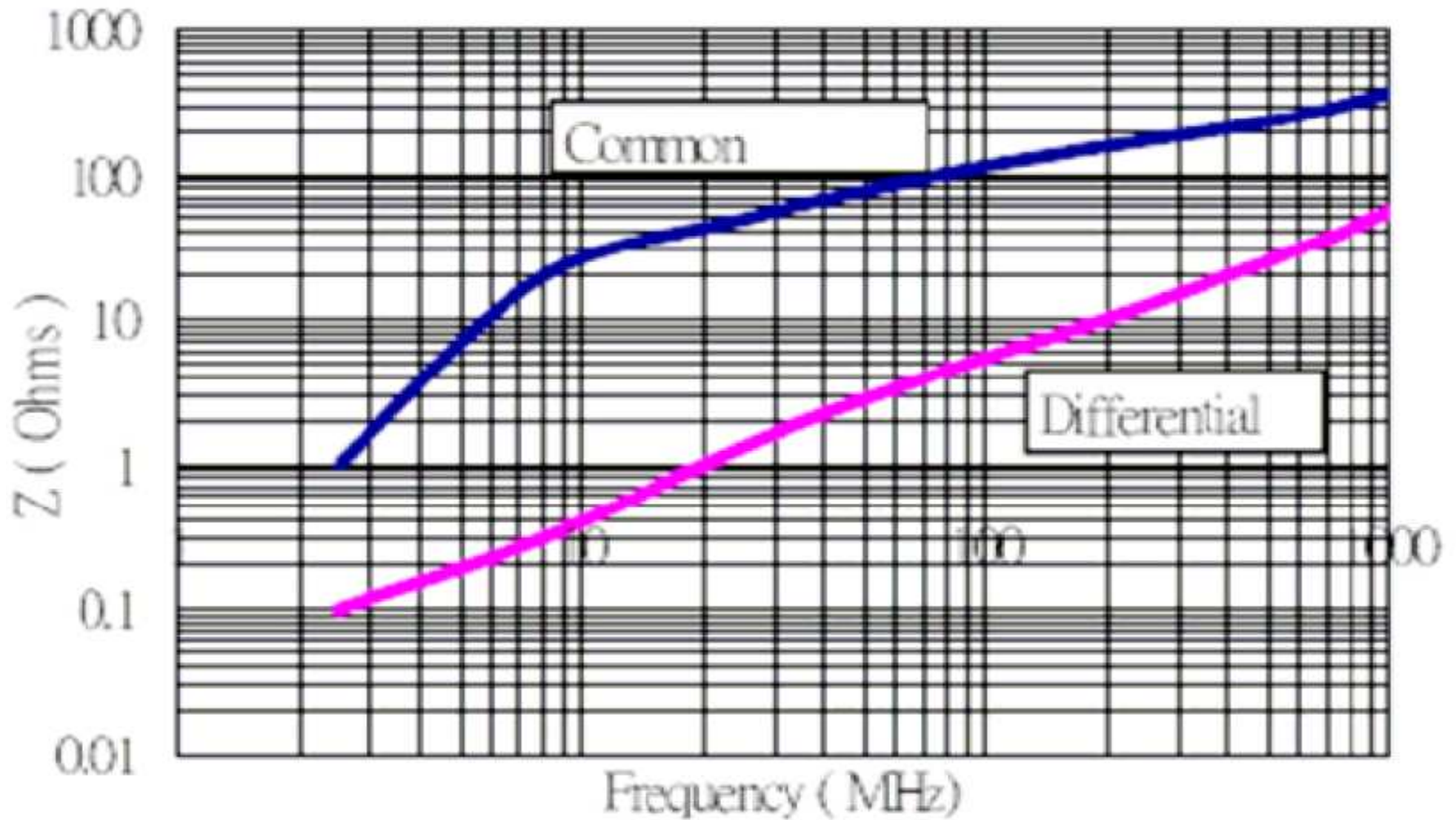
DWN. Huo Sep-14-18

SHEET 1 OF 2

CHK. YK Liao Sep-14-18

APP. Joe Huff Sep-14-18

DOC. REV: A/5



DOC. REV: A/5

XFMRs Inc
www.XFMRs.com

Title:
Common Mode Choke

UNLESS OTHERWISE SPECIFIED

P/N: XFWCMC201213-121

REV A

TOLERANCES:

.xx ±0.20

DWN.

Huo

Sep-14-18

Dimensions in MM

CHK.

YK Liao

Sep-14-18

SHEET 2 OF 2

APP.

Joe Huff

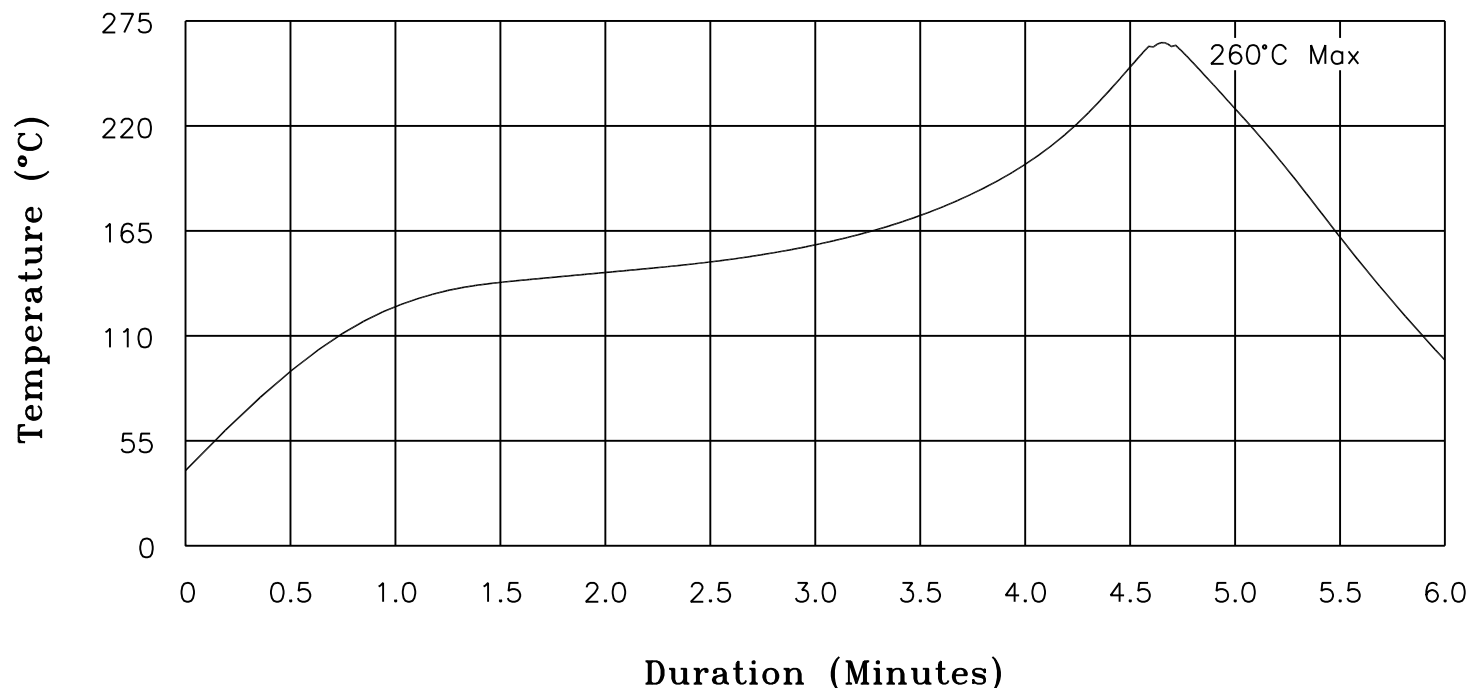
Sep-14-18

PROPRIETARY

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XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts

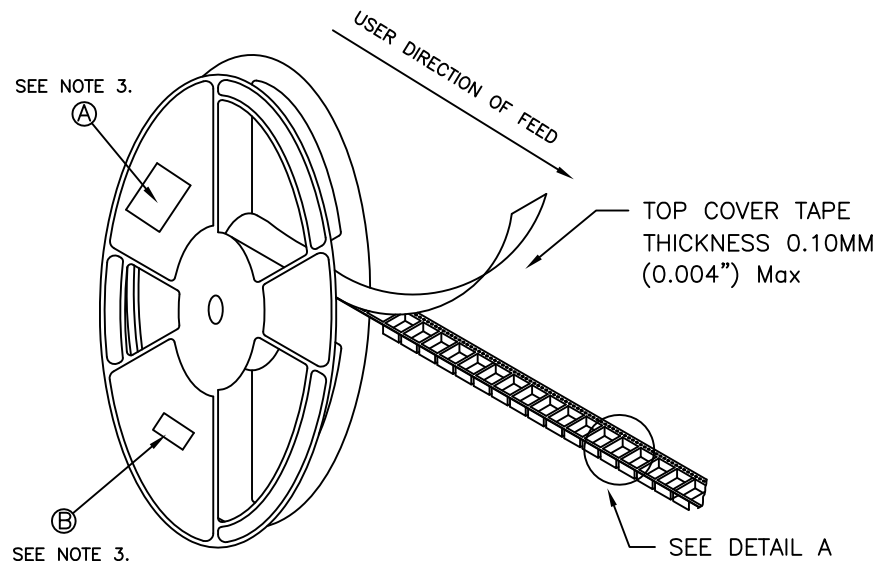


NOTES: Maximum duration at 260°+0/-5° with 10 seconds Max.
 Maximum duration above 217° shall be 60-150 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

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

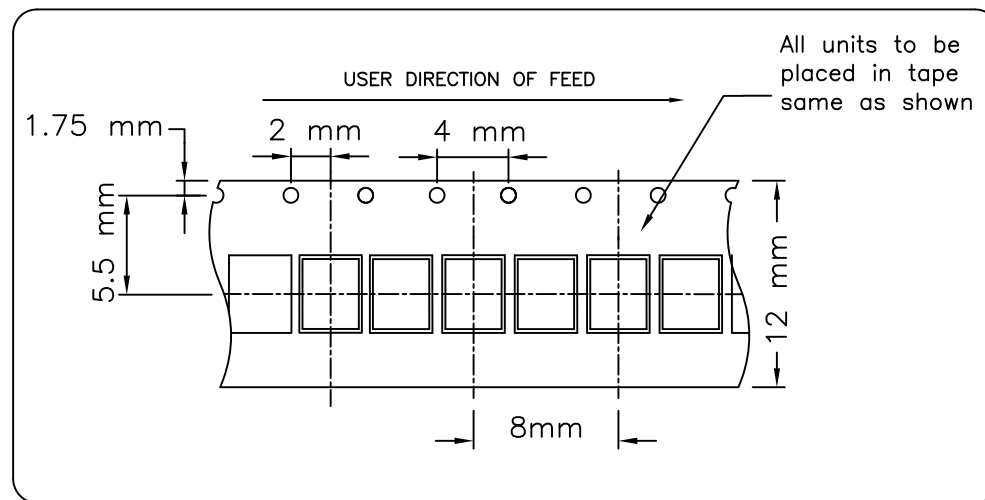
7" REEL DIAMETER

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' * CUSTOMER PART NUMBER
 - * QUANTITY
 - * DATE CODE

'B' - ANTI-STATIC CAUTION LABEL
- 4) 2000 PCS PER 7" REEL

DETAIL A



DOC REV: A/1

XFMR5 Inc	Title: T&R SPEC		
	UNLESS OTHERWISE SPECIFIED	P/N: XFWCMC201213 series	REV. A
TOLERANCES: .xxs ±xxxx	DWN.	Kong	May-13-10
Dimensions in mm	CHK.	YK Liao	May-13-10
SHT 1 OF 2	APP.	BW	May-13-10

PROPRIETARY

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