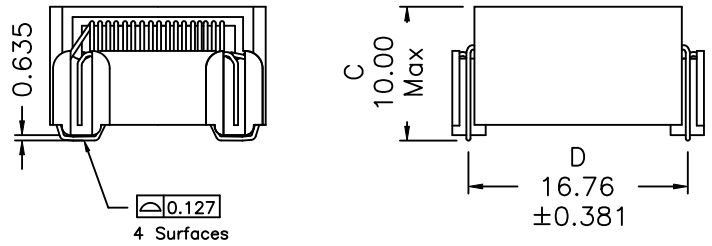
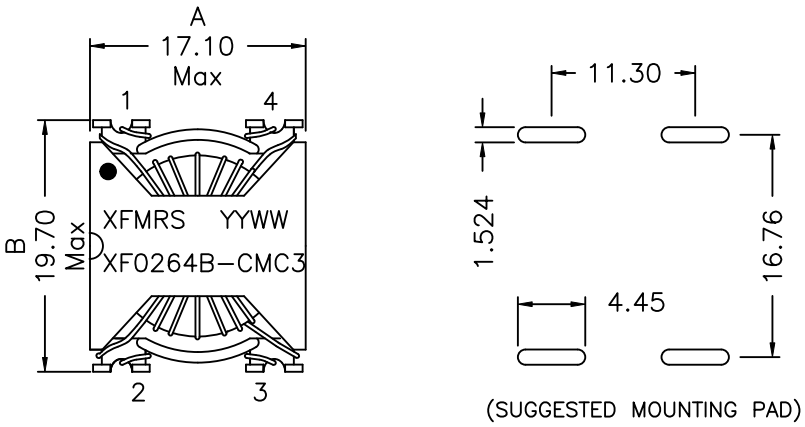
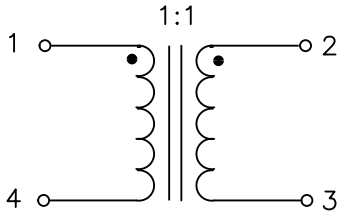
1. Mechanical Dimensions:





2. Schematic:



3. Electrical Specifications: @25°C

TURNS RATIO: 1:1

OCL: 2.6mH±30% @10KHz 1.0V (each)

Q: Pins 1–4 3 Min @10KHz 1.0V

DCR: 0.050 Ohms Max (each)

Rated Current (For 55c Rise): 4.0 Arms

HIPOT: 500Vrms

Notes:

1. Solderability: Leads shall meet MIL–STD–202G, Method 208H for solderability.
2. Flammability: UL94V–0
3. ASTM oxygen index: > 28%
4. Constructed using Class F 155°C materials
5. Operating Temperature Range: –40°C to +130°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

DOC. REV: A/2

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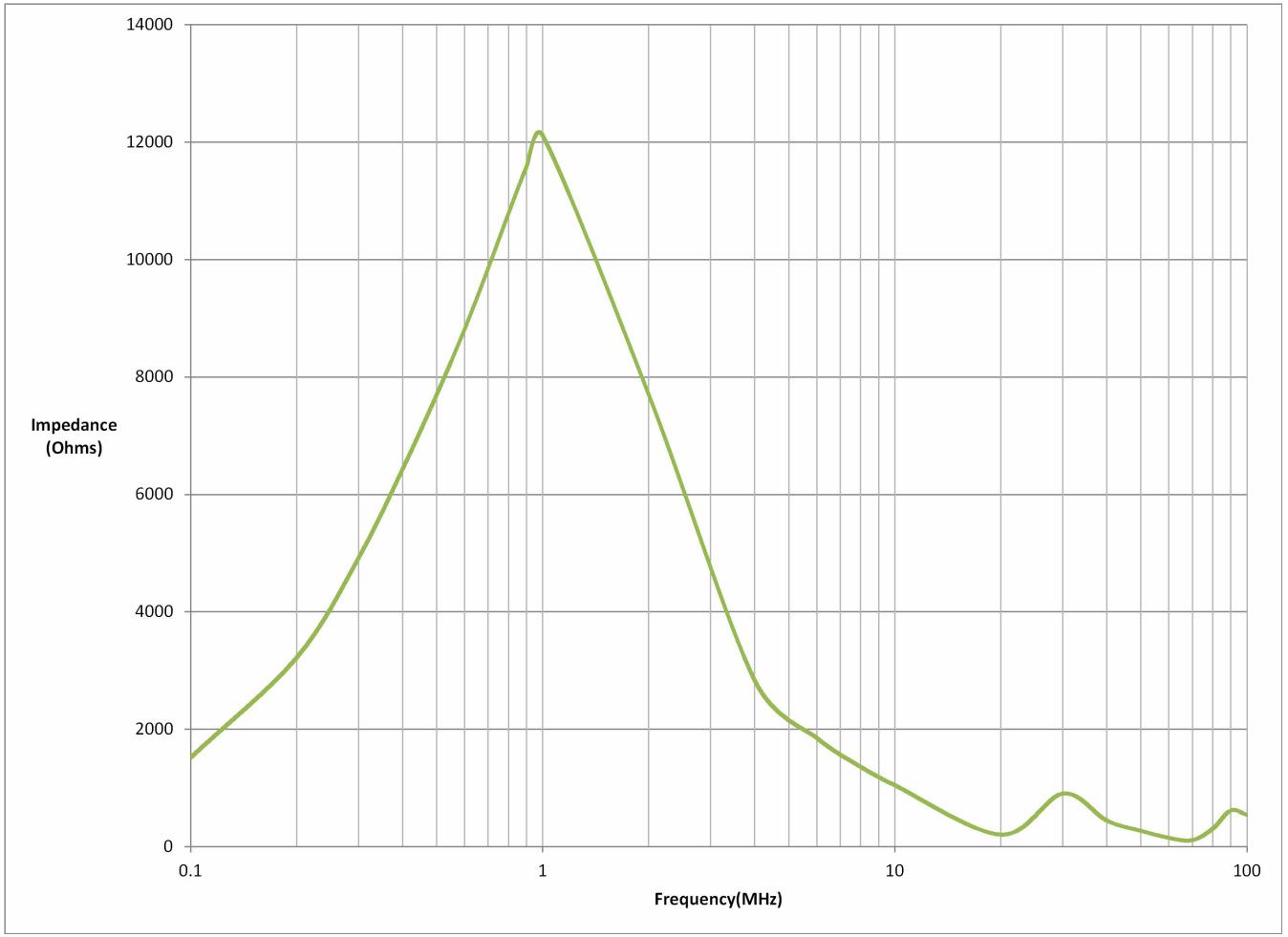
XFMRS® www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.254 Dimensions in MM	P/N: XF0264B–CMC3		REV. A
	DWN.	Lu	Dec–17–25
	CHK.	YK Liao	Dec–17–25
SHEET 1 OF 2	APP.	AM	Dec–17–25



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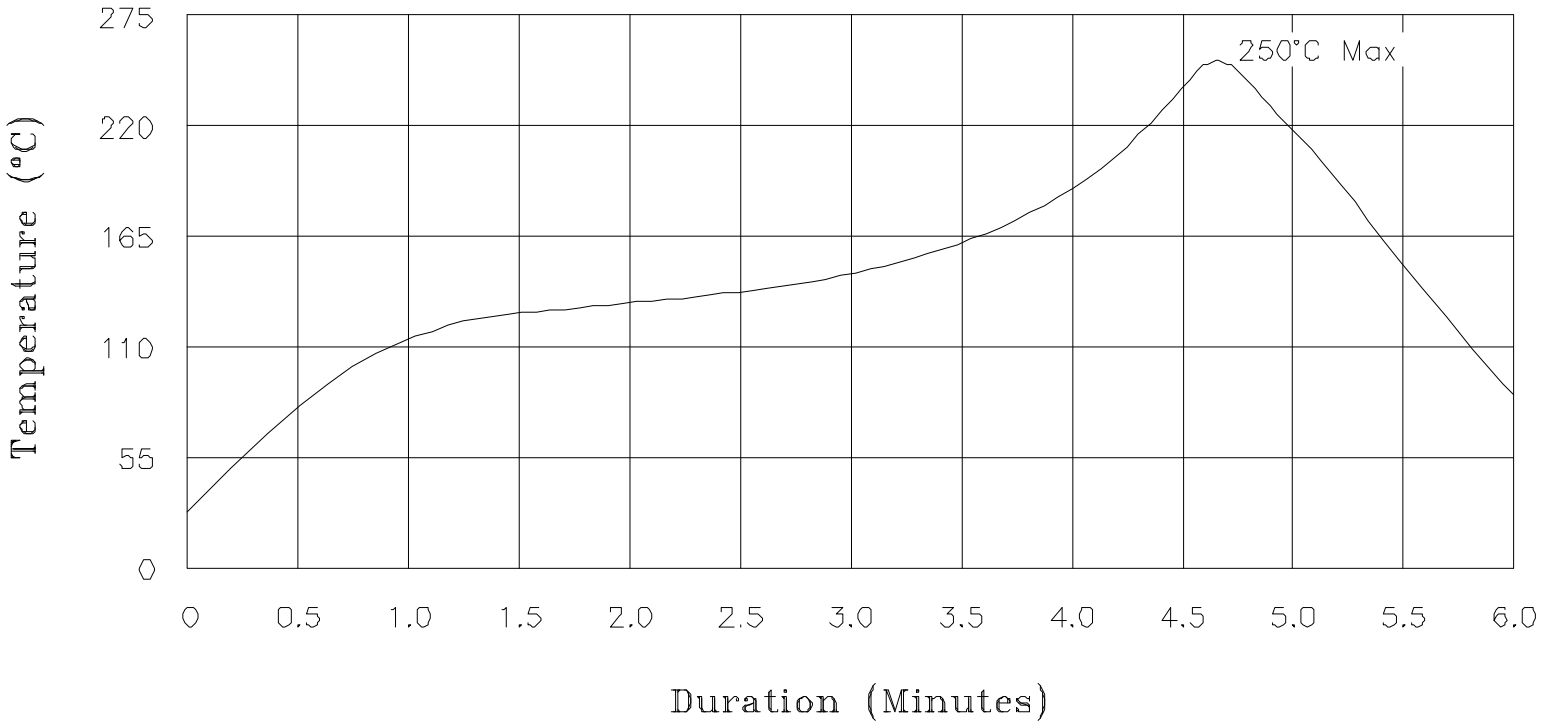
	DWN.	Lu	Dec-17-25
	CHK.	YK Liao	Dec-17-25
SHEET 2 OF 2	APP.	AM	Dec-17-25

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® 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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