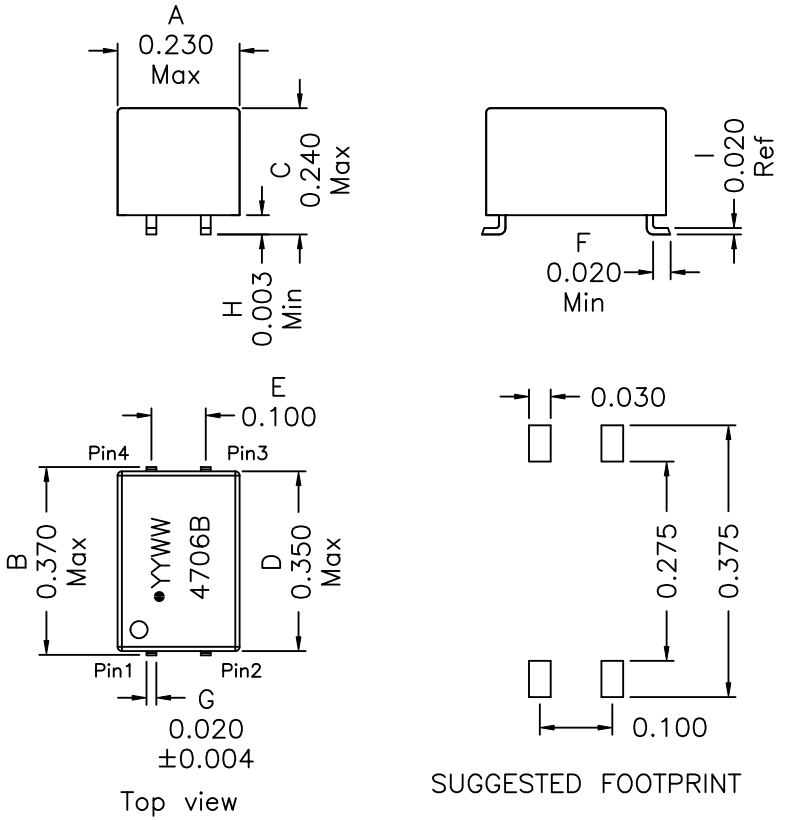
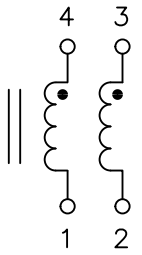
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

Rated Voltge: 80Vdc

Rated Current: 1.1Adc

DCR: 0.14 Ohms Max each wdg.

OCL: 470uH±50% @100KHz, 0.05V Each Wdg.

LL: Pin4–1 tbd uH Typ @100KHz, 0.1V Tie 3–2

Isolation: 500Vac 60Hz, 3mA max, 3 Sec

Q: P4–1 tbd Min @10KHz, 50mV

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. All listed parameters are to be within tolerance from –40°C to +85°C unless otherwise noted.
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 peak temp of 250°C Max.
12. AEC–Q200 certified product

DOC. REV: A/1

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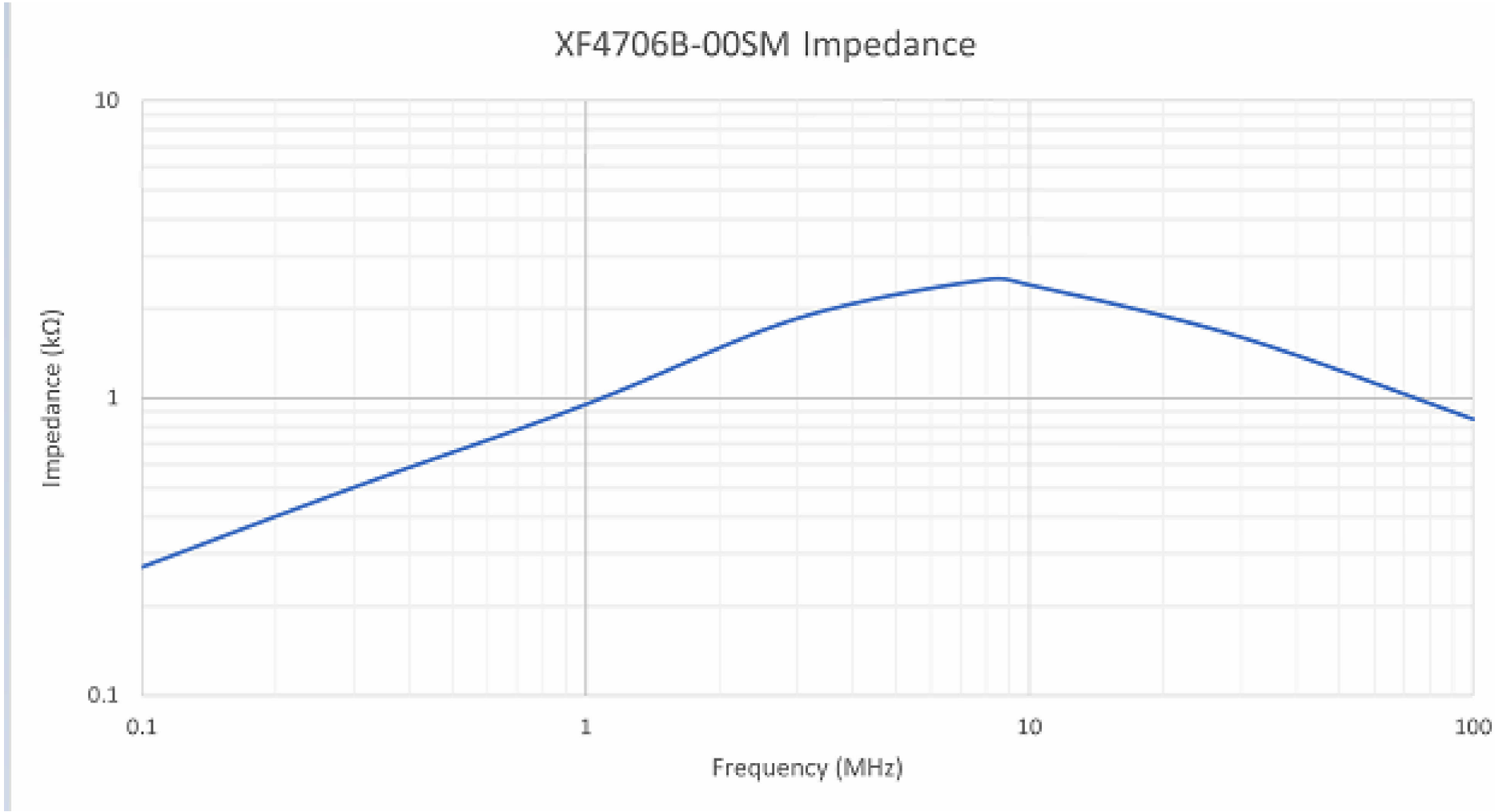
XFMRS Inc www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF4706B–00SM		REV. A
	DWN.	Yuan	Oct–18–23
	CHK.	YK Liao	Oct–18–23
SHEET 1 OF 2	APP.	VL	Oct–18–23



DOC. REV: A/–

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XFMRS Inc www.XFMRS.com	Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF4706B-00SM		REV. A
	DWN.	Yuan	Oct-17-23
	CHK.	YK Liao	Oct-17-23
SHEET 2 OF 2	APP.	AM	Oct-17-23

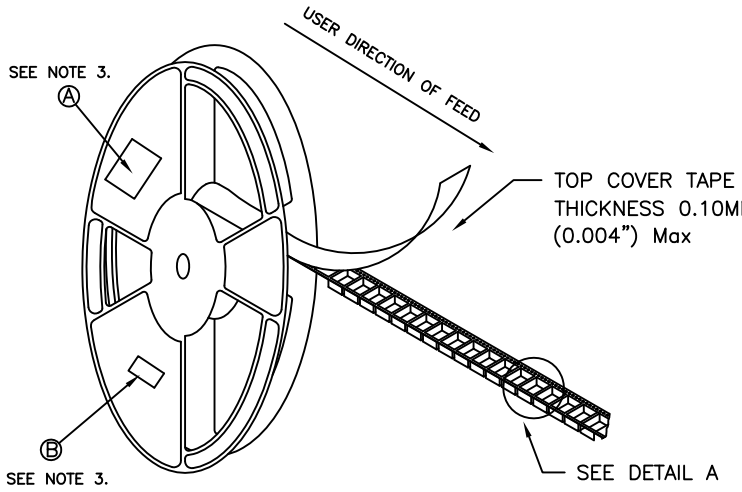
XF0409-00SM

P/N:95-Q922-01

TAPE AND REEL SPECIFICATION:

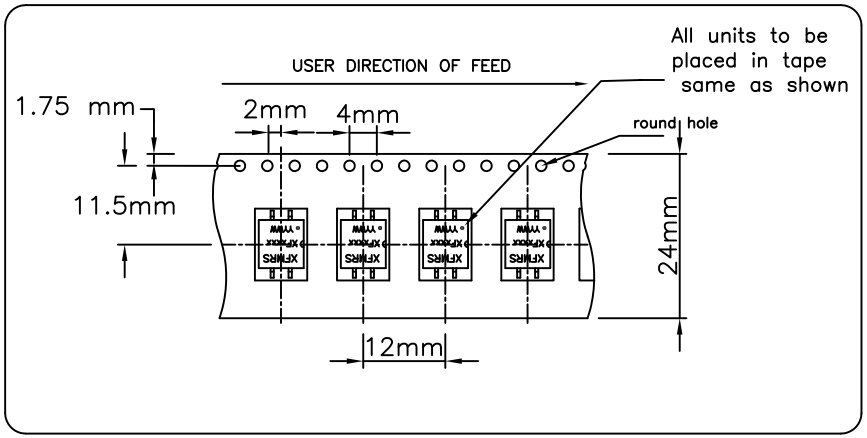
NOTES:

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) 800PCS PER 13"REEL



REEL AND TAPE ORIENTATION

DETAIL A



13" REEL DIAMETER

FOR PARTS:XF0409-00SM
XF0474-00SM
XF0516-00SM

DOC. REV.A/1

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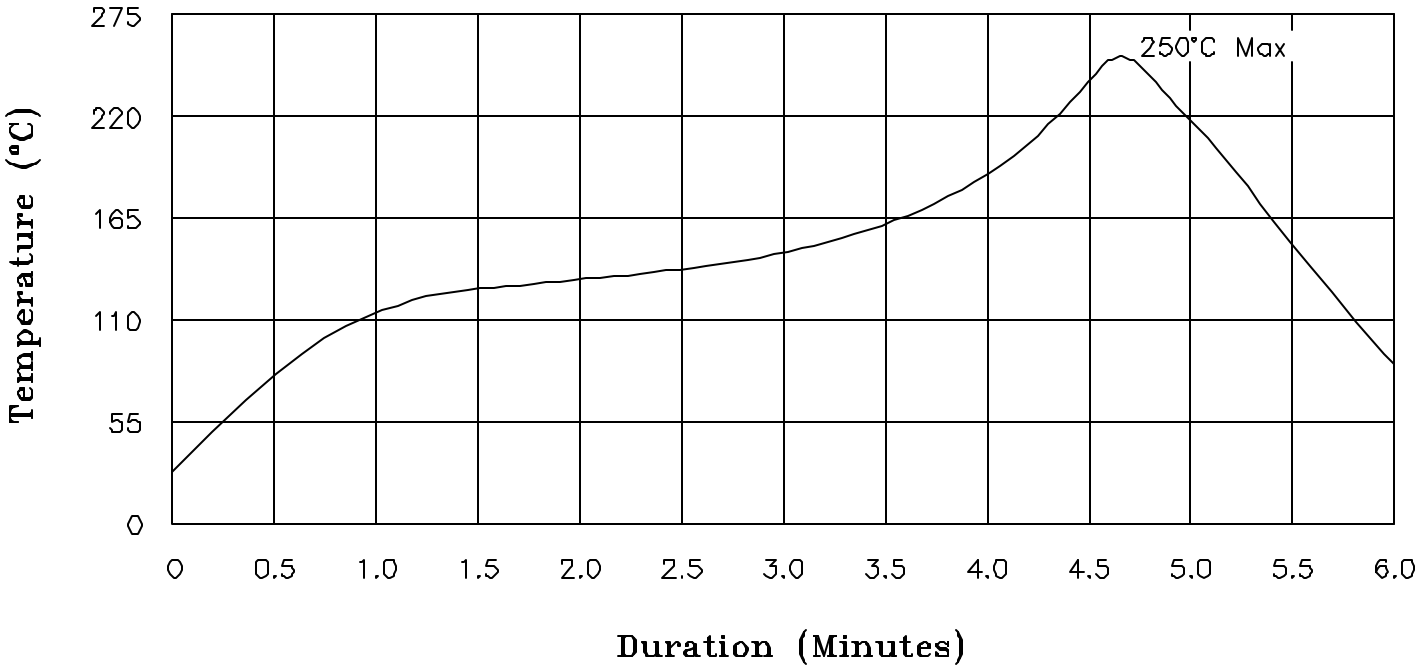
XFMRS Inc	Title: 4 Pins T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm	P/N:XFxxxx-00SM		REV: A
	DWN.	KONG	MAR-21-06
	CHK.	YK Liao	MAR-21-06
SHT 2 OF 2	APP.	BW	MAR-21-06

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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