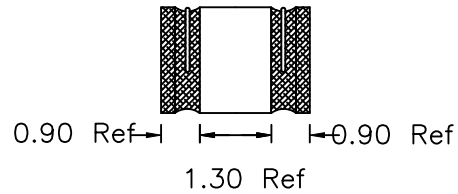
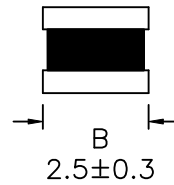
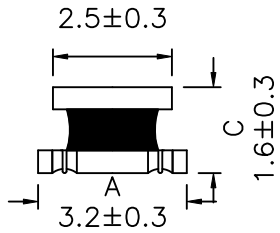
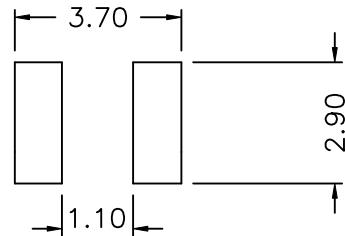


1. Mechanical Dimensions:

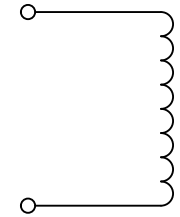


(BOTTOM VIEW)



(SUGGESTED PAD LAYOUT)

2. Schematic:



3. Electrical Specifications:

OCL: $10\mu\text{H} \pm 10\%$ @1MHz 0.1V

Q: tbd min @1MHz 0.1V

Rated Current: 660mA Max

DCR: 576 mOhms Max

SRF: tbdMHz 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: All listed parameters are to be within tolerance from -40°C to +125°C
6. Storage Temperature Range: -40°C to +150°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Moisture Sensitivity: Level 1
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

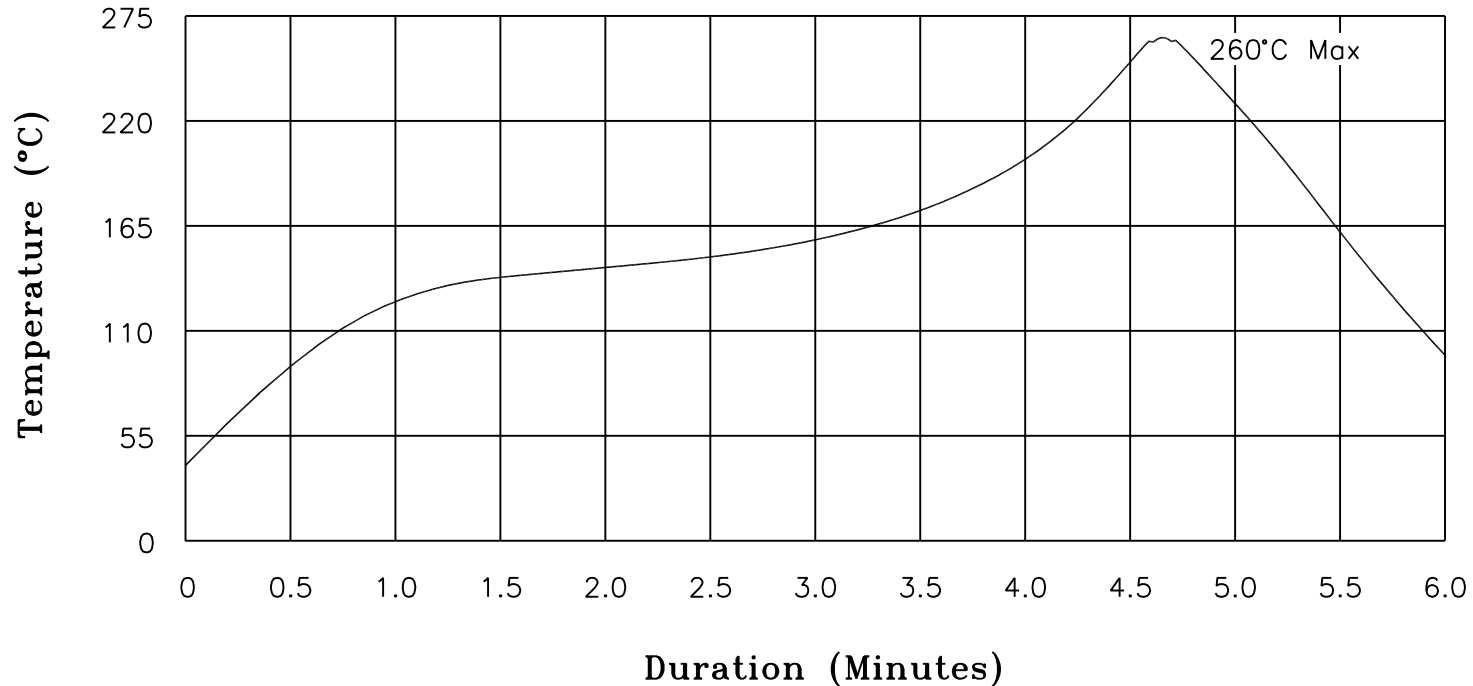
DOC REV: A/-

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XFMRs® www.XFMRs.com	Title: INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFWIC322516-100K	REV. A
TOLERANCES: N/A	DWN.	Juan Mao	Jan-23-24
Dimensions in MM	CHK.	YK Liao	Jan-23-24
SHEET 1 OF 1	APP.	VL	Jan-23-24

XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts



NOTES: Maximum duration at 260°+0/-5° shall be 10-15 seconds.
 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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