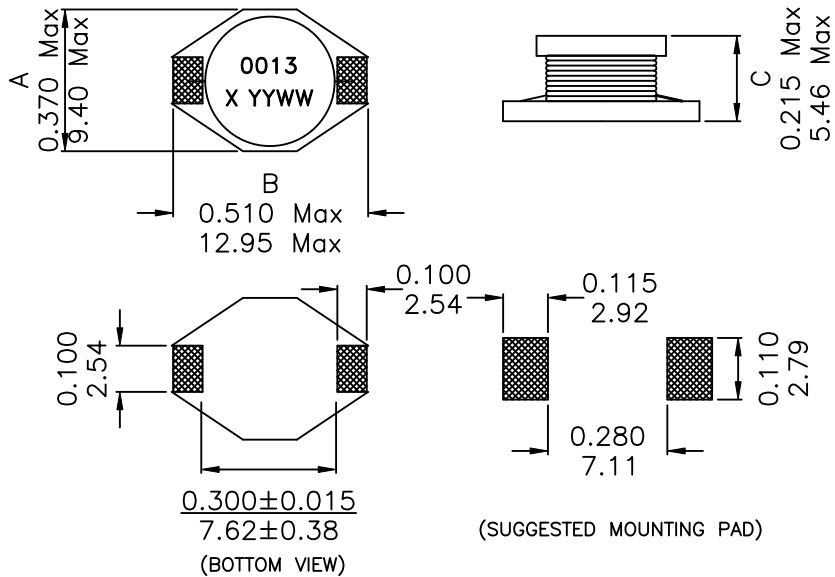
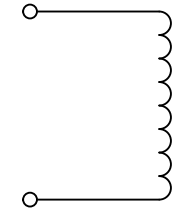


### 1. Mechanical Dimensions:



### 2. Schematic:



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

INDUCTANCE: 1000uH±20% @1.0KHz 0.1V

IDC: 0.3A (Based on 10% Max drop in OCL)

DC RESISTANCE: 3.00 Ohms Max

SRF: 1.25MHz Min

Q: 8 Min @10KHz 50mV

**Notes:**

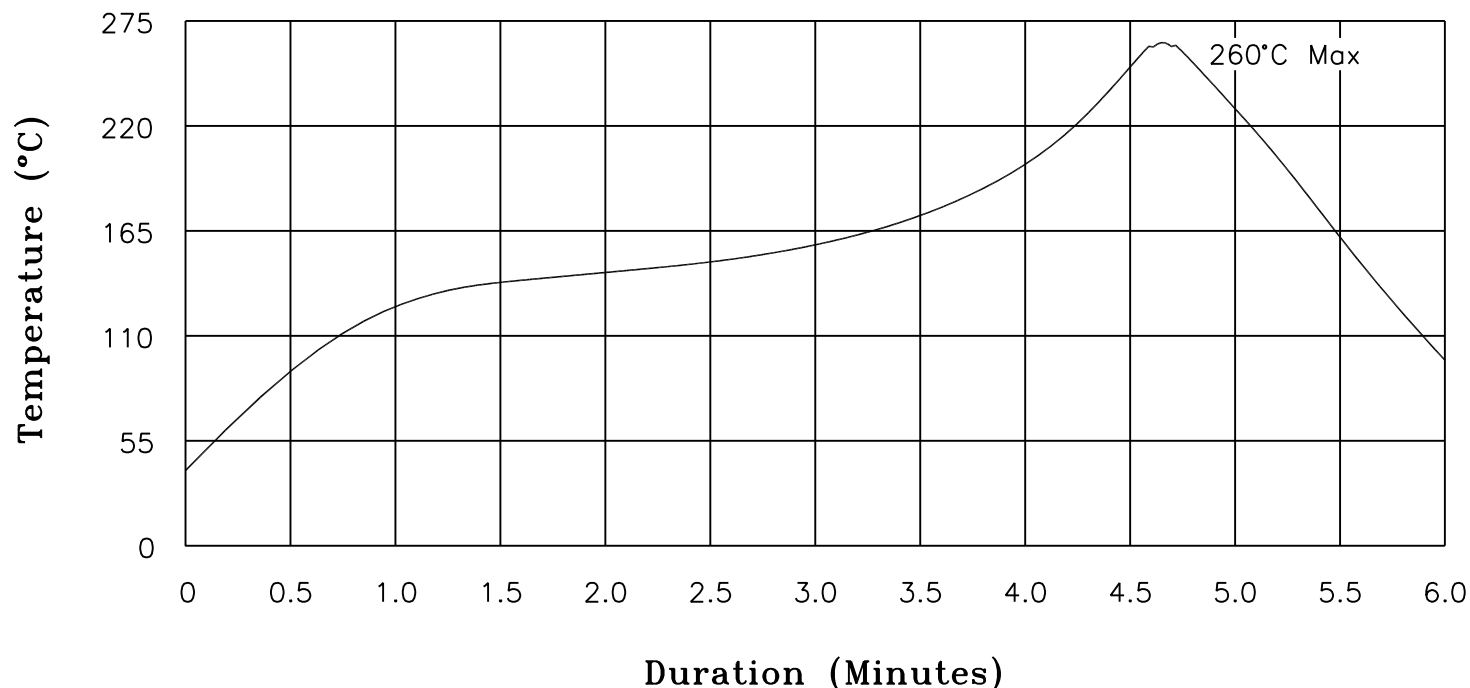
1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Moisture Sensitivity: Level 2
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component
12. Recommended IR Reflow peak temp of 260C Max

DOC REV: B/9

<b>XFMRs Inc.</b> www.XFMRS.com	Title: XFMSMD1 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF0013S1	REV. B
SHEET 1 OF 1	DWN.	Feng	Nov-22-19
	APP.	YK Liao	Nov-22-19

# 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.

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>IR REFLOW CHART</b> <b>(RoHS Compliant parts)</b>			
	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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