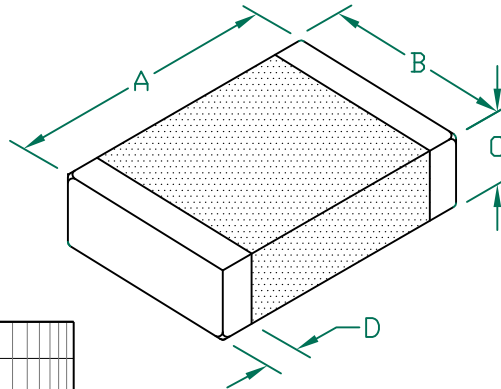


MI1812K121R-10

**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

A	4.50 [.177]	± 0.25 [.010]
B	3.20 [.126]	± 0.25 [.010]
C	1.40 [.055]	± 0.25 [.010]
D	0.46 [.018]	± 0.20 [.008]

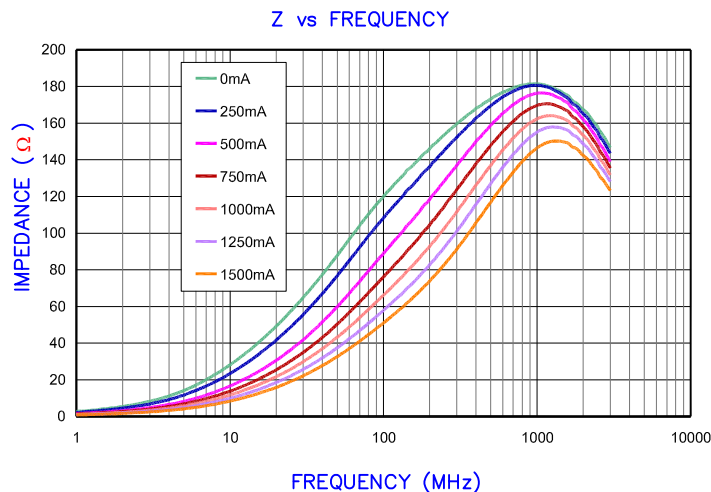


ELECTRICAL CHARACTERISTICS:

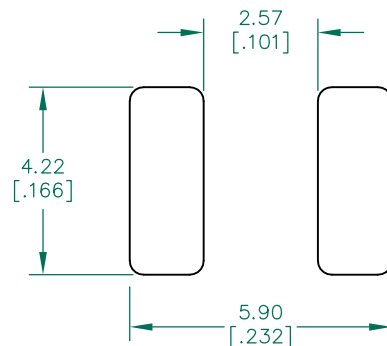
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	120	
Minimum	90	
Maximum	150	0.055 1500 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMP. RANGE: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$. (INCLUDING SELF-HEATING)

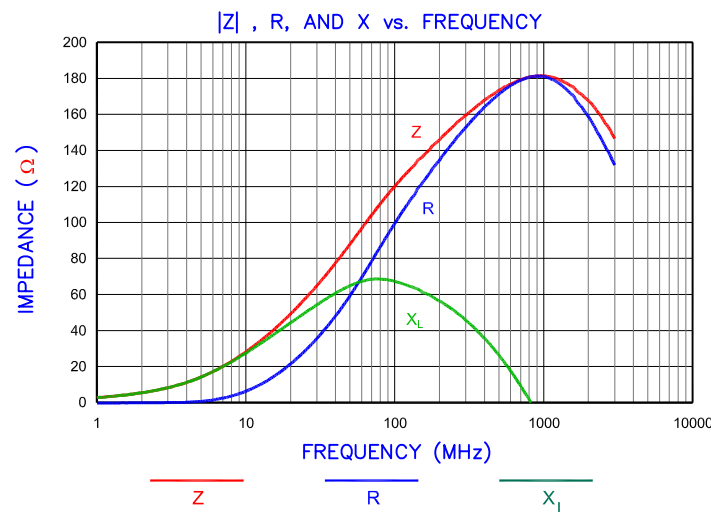
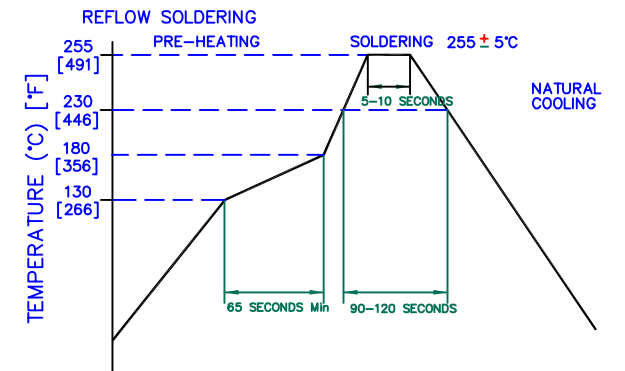


LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 [.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 6213



DIMENSIONS ARE IN INCHES (mm).				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.			
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: MI1812K121R-10			
C	UPDATE COMPANY LOGO	09/09/08	JRK				
B	UPDATE CURVES & COMPANY LOGO ADD ROHS	05/16/07	JRK	DATE: 04/14/04			
A	ORIGINAL DRAFT	04/14/04	JRK				
REV	DESCRIPTION	DATE	INT	CAD #	MI1812K121R-10-D	TOOL #	-
				SCALE:	NTS	SHEET:	2 of 2
				REV	D	PART TYPE:	CO-FIRE
				DRAWN BY: JRK			

Laird