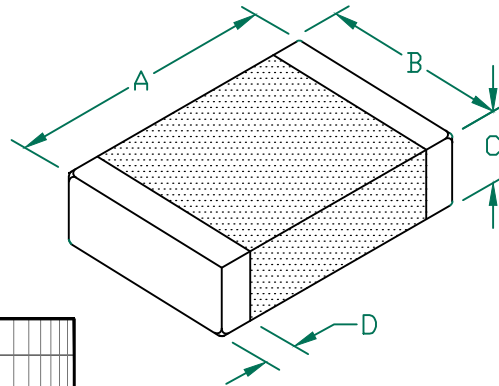


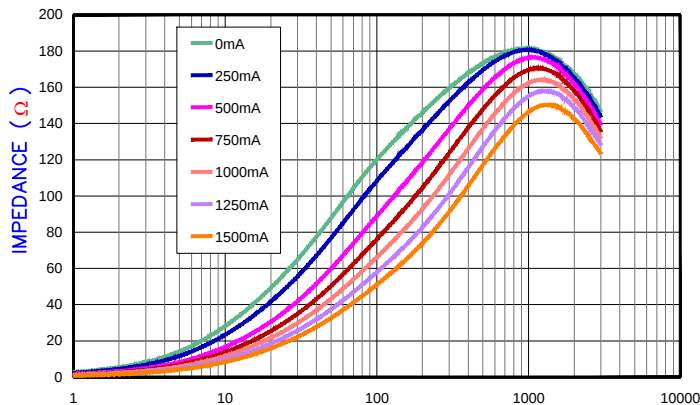
MI1812K121R-10

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]

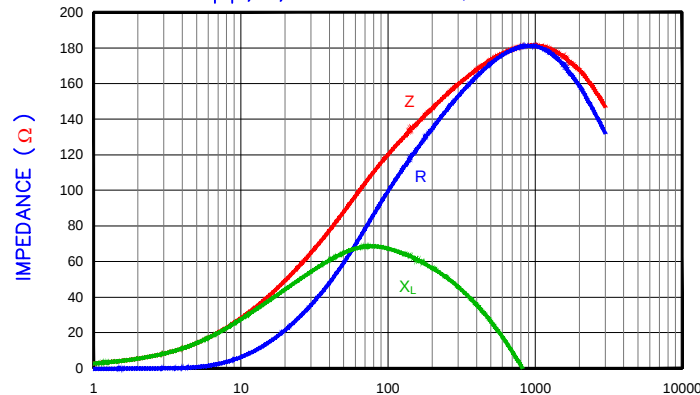


Z vs FREQUENCY



FREQUENCY (MHz)

|Z|, R, AND X_L vs. FREQUENCY

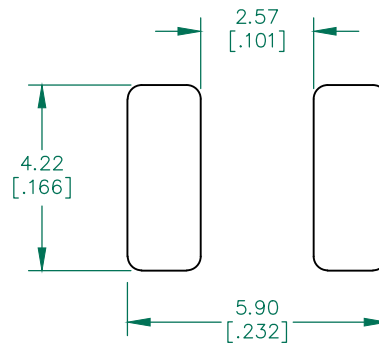


FREQUENCY (MHz)

— Z — R — X_L

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

LAND PATTERNS FOR REFLOW SOLDERING



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

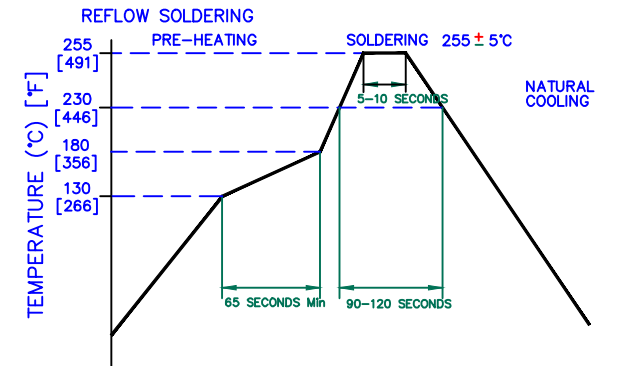
ELECTRICAL CHARACTERISTICS:

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)

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN INCHES (mm).

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D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
C	UPDATE COMPANY LOGO	09/09/08	JRK
B	UPDATE CURVES & COMPANY LOGO ADD ROHS	05/16/07	JRK
A	ORIGINAL DRAFT	04/14/04	JRK
REV	DESCRIPTION	DATE	INT
PROJECT/PART NUMBER: MI1812K121R-10			
DATE: 04/14/04		SCALE: NTS	SHEET: 1 of 1
CAD # MI1812K121R-10-D		TOOL #	

Laird

REV D PART TYPE: CO-FIRE DRAWN BY: JRK

RoHS

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[MI1812K121R-10](#)