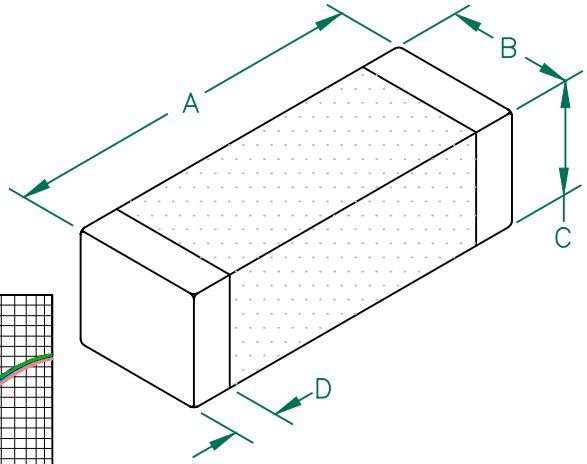
LI1806E800R-10

PHYSICAL DIMENSIONS:

A	4.50 [.177]	±	0.25 [.010]
B	1.60 [.063]	±	0.25 [.010]
C	1.60 [.063]	±	0.25 [.010]
D	0.51 [.020]	±	0.25 [.010]



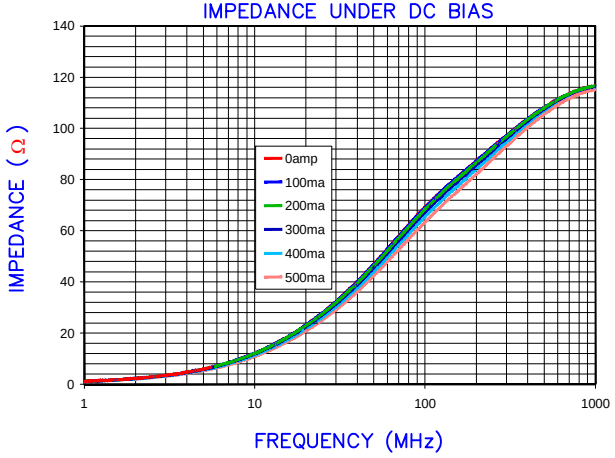
ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	80		
Minimum	60		
Maximum	100	0.30	500 mA

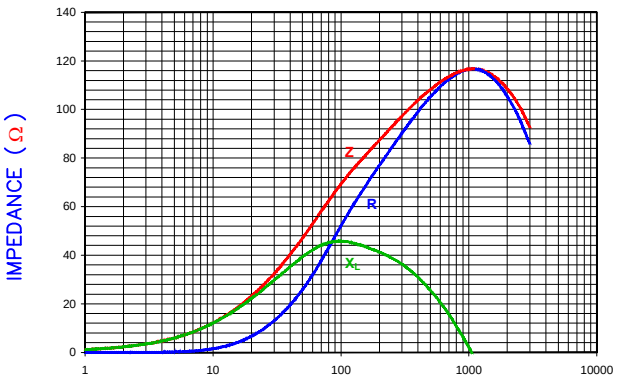
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 2,000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: −40°C~+125°C. (INCLUDING SELF−HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



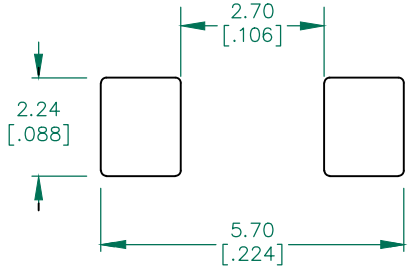
|Z| , R, AND X vs. FREQUENCY



Z R X_L

AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3298

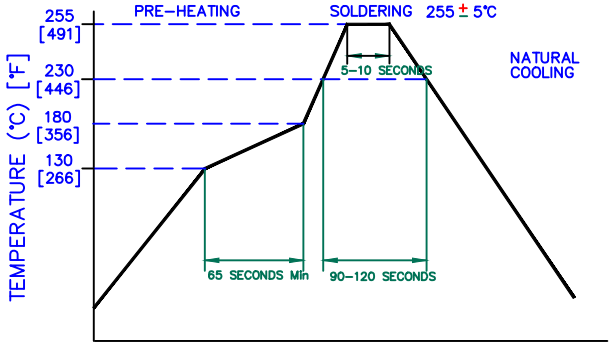
LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS

REFLOW SOLDERING



RoHS

REV	DESCRIPTION	DATE	INT
F	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
E	CHANGE REEL QTY FROM 3K TO 2K	11/05/08	JRK
D	UPDATE COMPANY LOGO	07/24/08	JRK
C	CORRECT REF # FROM 3289 TO 3298	07/22/05	JRK
B	CORRECT LANDPATTERN DIM AND TEMP IN REFLOW SOLDERING, ADD DC CURVE	04/14/03	JRK
A	ORIGINAL DRAFT	08/07/02	JRK

DIMENSIONS ARE IN mm [INCHES].

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
LI1806E800R−10	F	CO−FIRE	JRK

DATE:	SCALE:	SHEET:
08/07/02	NTS	1 of 1

CAD # LI1806E800R−10−F TOOL # −

Unikeyic Electronics

Global Electronic Components Distributor

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Laird:

24296254 28A0392-0A2 28B0500-100 28R1141-010 29220104 CMX1211Z601B-10 DM3312X101R-10 LFB095051-000 LI0603B201R-10 MI1210K600R-10 HI1206N680R-10 MP1040-100 28A2005-0A2 A15754-04 HF0402B102R-10 MI0805M221R-10 CM3440Z171R-10 28B0734-000 DA1206D301R-10 0097061102 28A1507-0A2 LI0603G221R-10 TRA6927M3PBN-001 TYS30126R8M-10 CMX1211Z680B-10 HI0805O121R-10 MGV201610R68M-10 NS1050HA CC1812C513R-10 0097064502