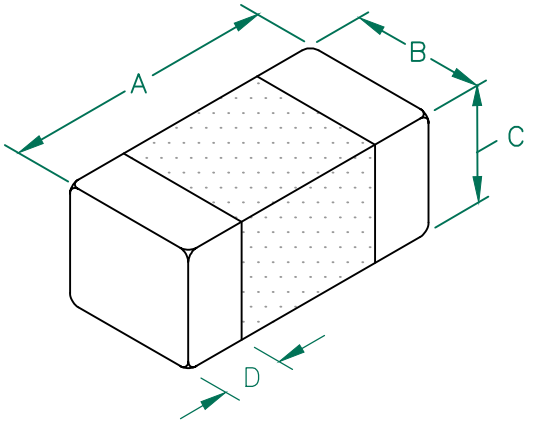
HI0603N330R-10

PHYSICAL DIMENSIONS:

A	1.60 [.063]	± 0.15	[.006]
B	0.80 [.031]	± 0.15	[.006]
C	0.80 [.031]	± 0.15	[.006]
D	0.36 [.014]	± 0.15	[.006]



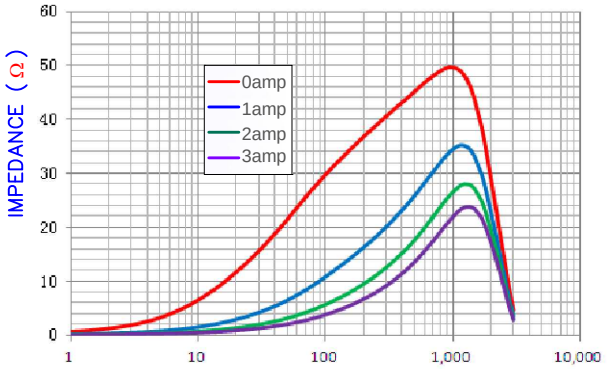
ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	33.0		
Minimum	24.7		
Maximum	41.3	0.025	3000 mA

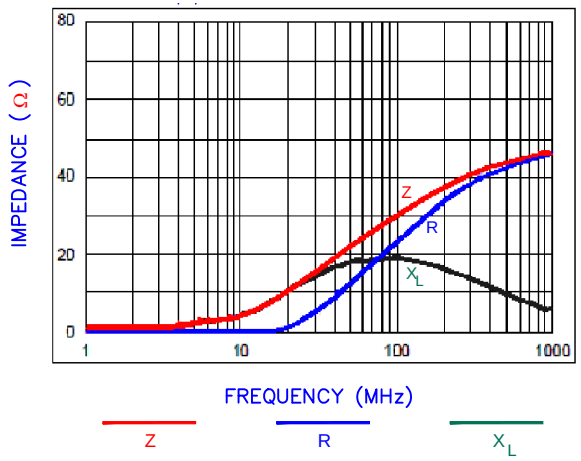
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMPERATURE TEMP: −40°C~+125°C. (INCLUDING SELF−HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

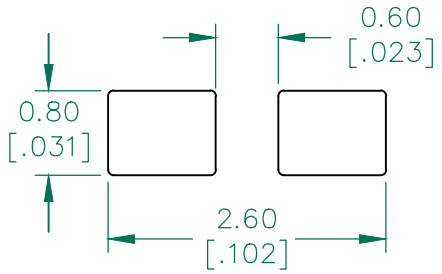


|Z| , R, AND X vs. FREQUENCY



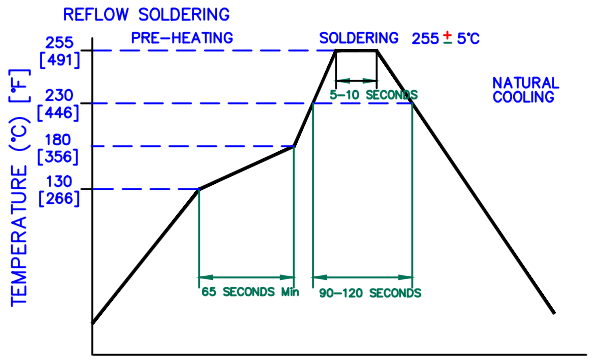
AGILENT E4991A RF Impedance/Material Analyzer
Agilent 16194A Test Fixture.

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



RoHS

REV	DESCRIPTION	DATE	INT
C	UPDATE LAIRD LOGO AND NOTES 4	08/05/13	QU
B	ADD DC BIAS CURVE	12/06/12	QU
A	ORIGINAL DRAFT	08/28/12	QU

DIMENSIONS ARE IN mm [INCHES].

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
HI0603N330R−10	C	CO−FIRE	QU

DATE:	SCALE:	SHEET:
12/06/12	–	1 of 1

CAD # HI0603N330R−10−C
TOOL # –