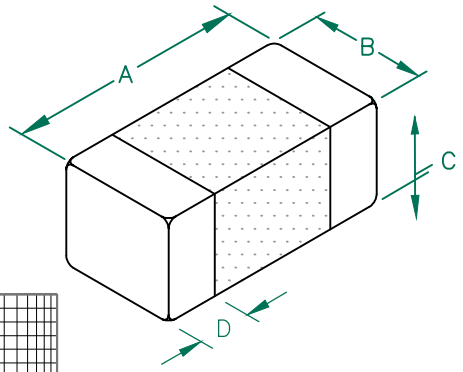
LI0603E470R-10

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]



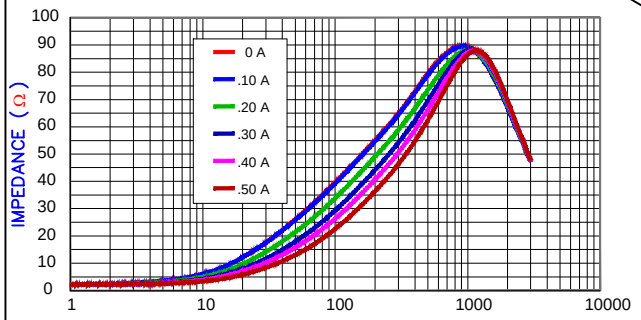
ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	47		
Minimum	35		
Maximum	59	0.10	500 mA

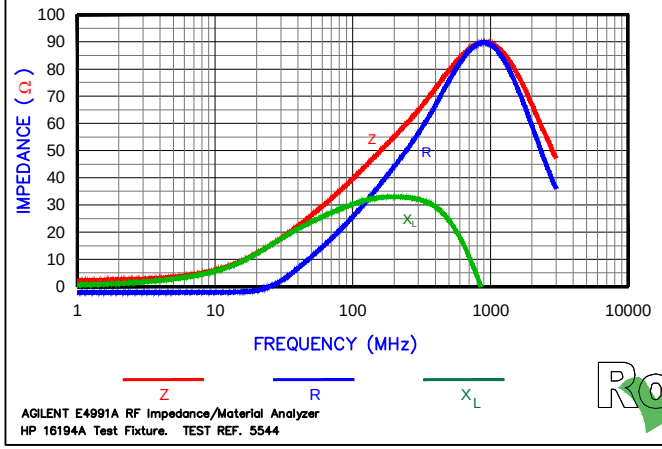
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER CARRIER TAPE.
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

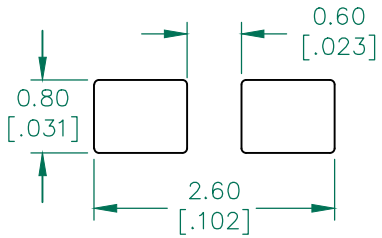


|Z| , R, AND X vs. FREQUENCY



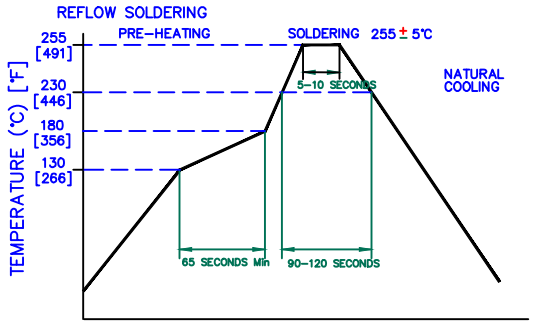
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 5544

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



RoHS

REV	DESCRIPTION	DATE	INT
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
B	UPDATE COMPANY LOGO	07/14/08	JRK
A	ORIGINAL DRAFT	03/29/06	JRK

DIMENSIONS ARE IN mm [INCHES].

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
LI0603E470R−10	C	CO−FIRE	JRK

DATE:	SCALE:	SHEET:
03/29/06	–	1 of 1

CAD # LI0603E470R−10−C TOOL # –