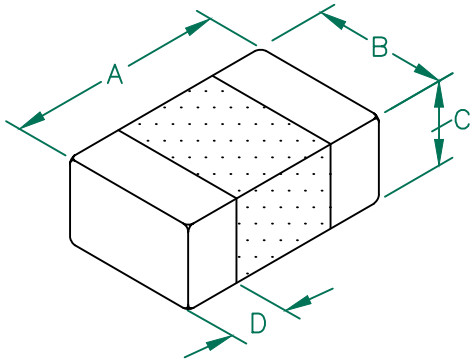
LI0805H400R-10

PHYSICAL DIMENSIONS:

A	2.00 [.079]	±	0.20 [.008]
B	1.25 [.049]	±	0.20 [.008]
C	0.90 [.035]	±	0.20 [.008]
D	0.51 [.020]	±	0.25 [.010]



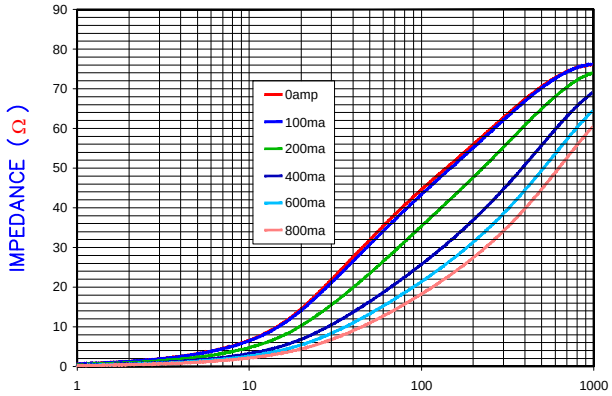
ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	40		
Minimum	30		
Maximum	50	0.15	800 mA

NOTES: UNLESS OTHERWISE SPECIFIED

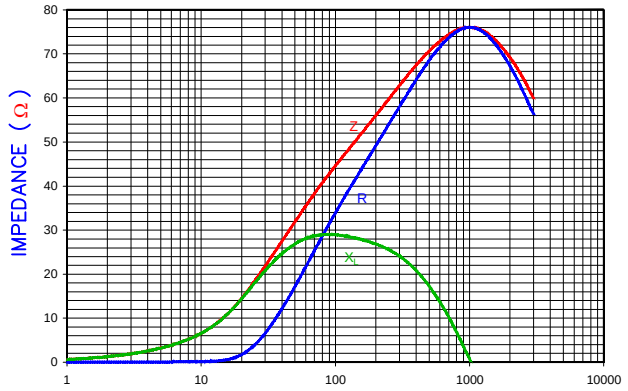
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: −40°C~+125°C. (INCLUDING SELF−HEATING)
5. COSMETIC SPECIFICATION REFER TO WI−QA−124.

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)

|Z| , R, AND X vs. FREQUENCY



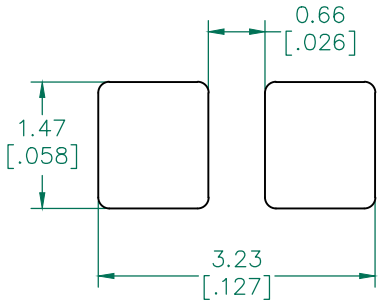
FREQUENCY (MHz)

Z R X_L

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

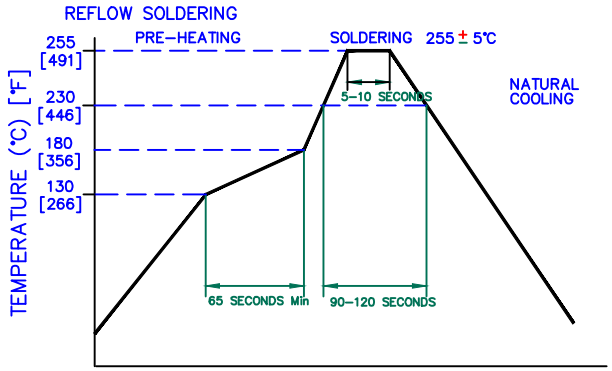
RoHS

LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763 [.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



REV	DESCRIPTION	DATE	INT
	DIMENSIONS ARE IN mm [INCHES].		
F	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
E	CHANGE TO PAPER TAPE	03/04/10	JUN
D	UPDATE COMPANY LOGO	07/21/08	JRK
C	REACTIVATE PRINT AND UPDATE COMPANY LOGO	08/10/07	TMB
B	REACTIVATE PRINT REVISE NOTE 1	10/12/06	TMB
A	ORIGINAL DRAFT	03/24/04	TMB

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
LI0805H400R−10	F	CO−FIRE	TMB

DATE: 03/24/04 | SCALE: NTS | SHEET: 1 of 1

CAD # LI0805H400R−10−F | TOOL # −