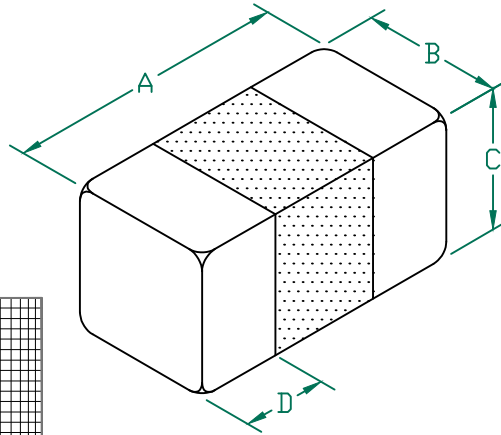


HZ0402A152R-10

PHYSICAL DIMENSIONS:

A	1.00 [.040]	+	0.15 [.006]
B	0.50 [.020]	+	0.15 [.006]
C	0.50 [.020]	+	0.15 [.006]
D	0.30 [.012]		MAX.



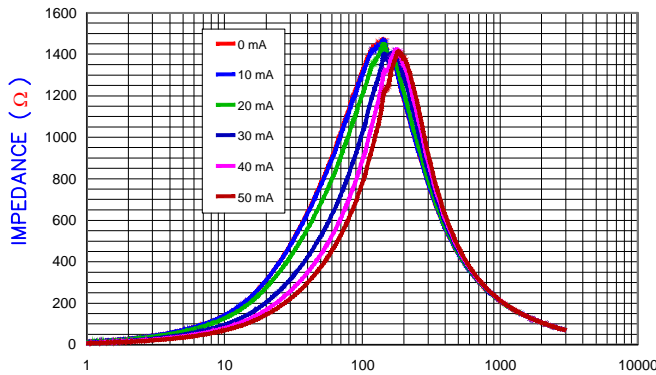
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	1500	
Minimum	1125	
Maximum	1875	50 mA

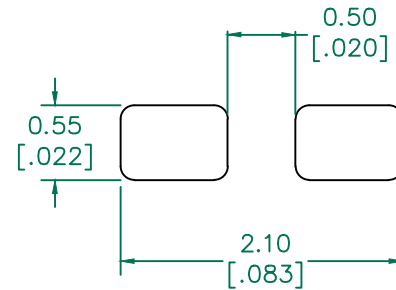
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 10,000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
5. OPERATEING TEMPERATURE TEMP: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (INCLUDING SELF-HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

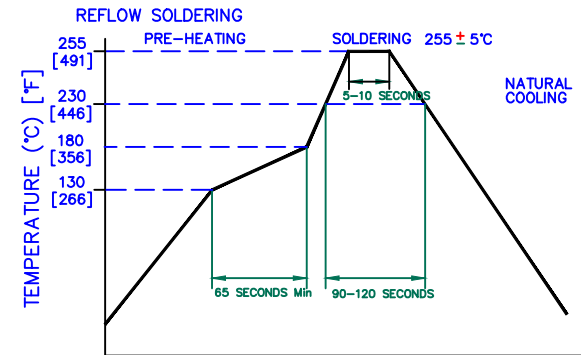


LAND PATTERNS FOR REFLOW SOLDERING



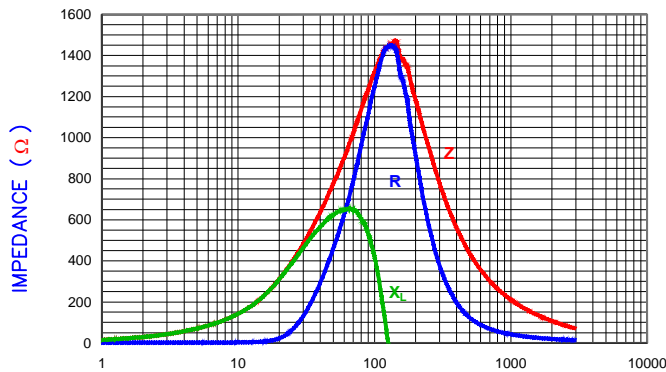
(For wave soldering, add 0.763 (.030 to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)



RoHS

AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 6231

DIMENSIONS ARE IN mm [INCHES]				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.		Laird	
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:	HZ0402A152R-10	REV	C
B	UPDATE COMPANY LOGO	02/15/08	JRK	DATE:	07/24/07	SCALE:	NTS
A	ORIGINAL DRAFT	07/24/07	JRK	CAD #	HZ0402A152R-10-C	TOOL #	-
REV	DESCRIPTION	DATE	INT				
						PART TYPE:	CO-FIRE
						DRAWN BY:	JRK
						SHEET:	1 of 1