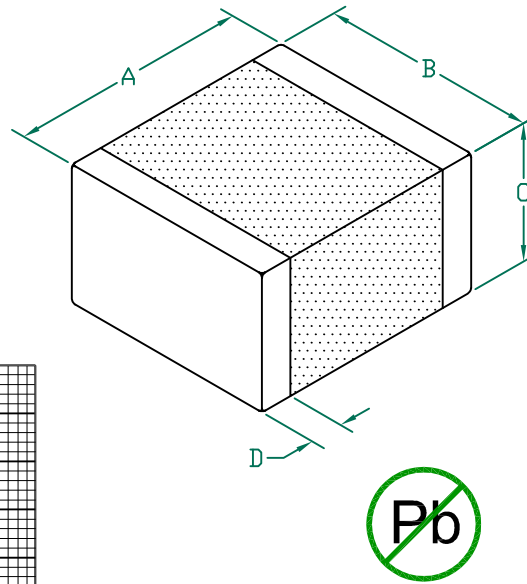


HI2220R301R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

A	5.59 [.220]	+ 0.51 [.020]
B	5.08 [.200]	+ 0.25 [.010]
C	3.20 [.126]	+ 0.25 [.010]
D	0.76 [.030]	+ 0.25 [.010]



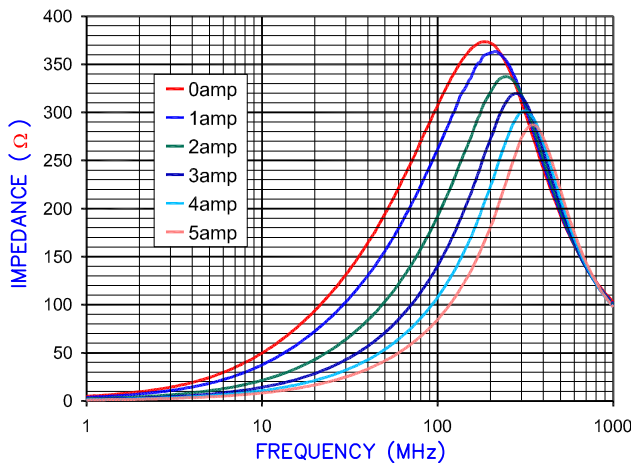
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)		DCR (Ω)	Rated Current
Nominal	300		
Minimum	225		
Maximum	375	0.020	5000 mA

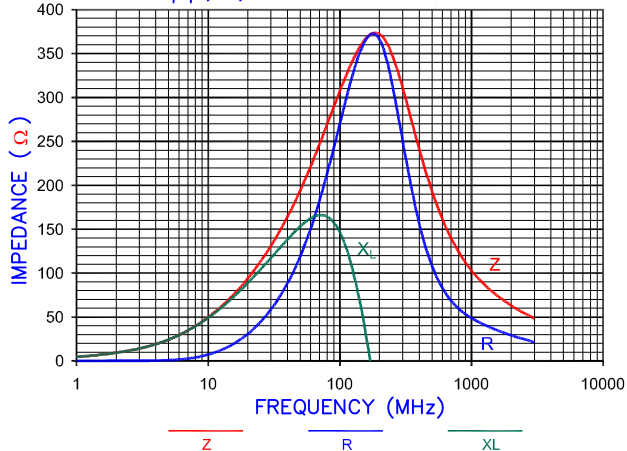
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2,000 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)

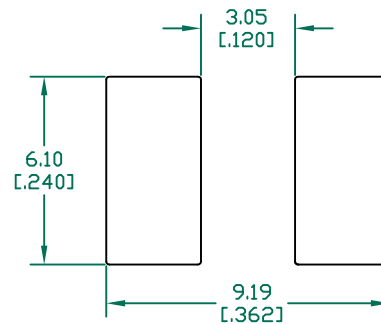
Z vs. FREQUENCY
IMPEDANCE UNDER DC BIAS



|Z|, R, AND XL vs. FREQUENCY

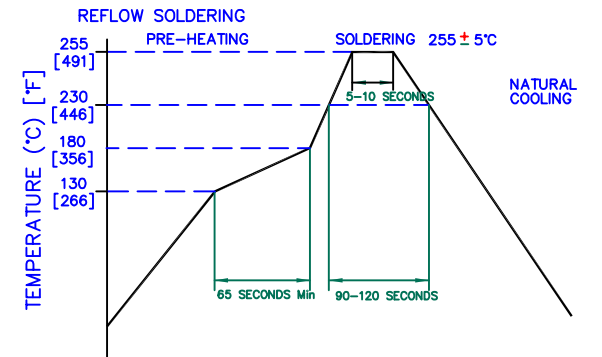


LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 [0.030] to this dimension)

RECOMMENDED SOLDERING CONDITIONS



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			
PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:	
C ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE 08/05/13 QU HI2220R301R-10				C	CO-FIRE	TMB	
B UPDATE COMPANY LOGO ADD ROHS 01/28/08 JRK				DATE:	SCALE:	SHEET:	
A ORIGINAL DRAFT 04/03/04 TMB				04/03/04	NTS	2 of 2	
REV	DESCRIPTION	DATE	INT	GAD #	TOOL #		
				HI2220R301R-10-C	-		