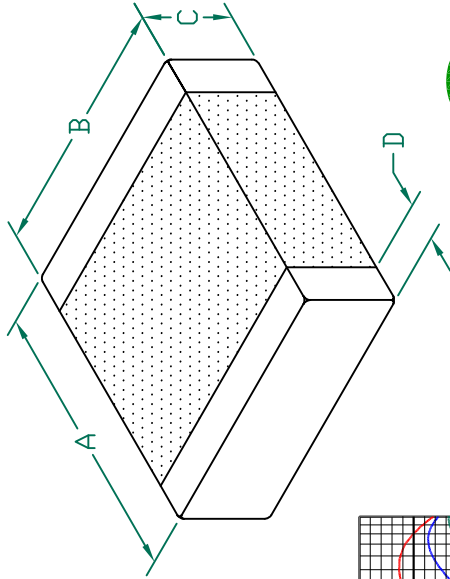


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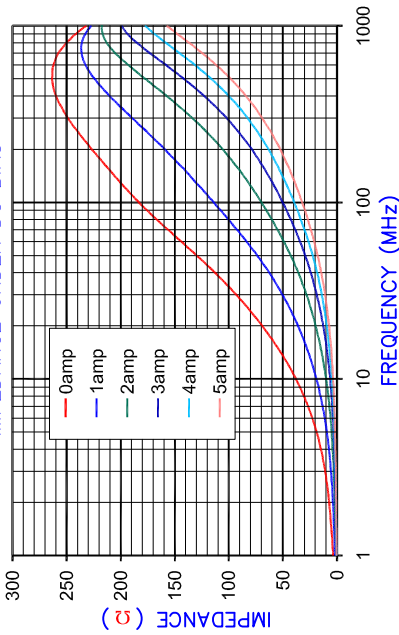
UNCONTROLLED
DOCUMENT

PHYSICAL DIMENSIONS:

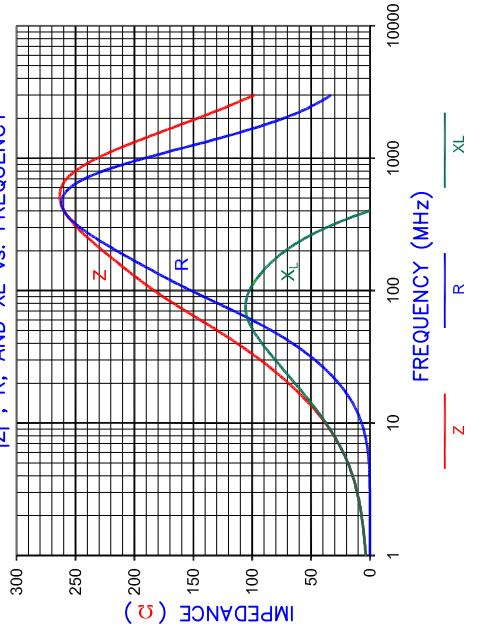
A	5.59	[.220]	±	0.51	[.020]
B	5.08	[.200]	±	0.25	[.010]
C	1.80	[.071]	±	0.25	[.010]
D	0.76	[.030]	±	0.25	[.010]



Z vs. FREQUENCY
IMPEDANCE UNDER DC BIAS



|Z|, R, AND XL vs. FREQUENCY

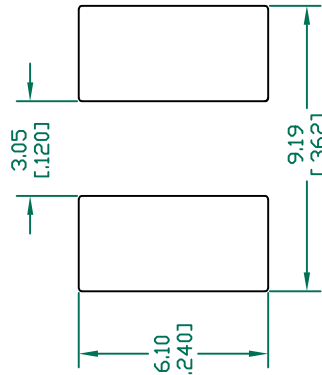


NOTES: UNLESS OTHERWISE SPECIFIED

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: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (INCLUDING SELF-HEATING)

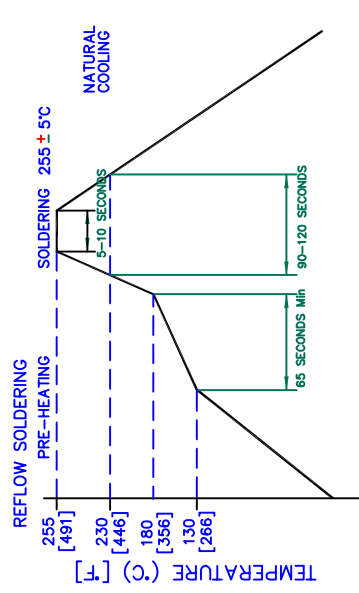


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



ELECTRICAL CHARACTERISTICS:				
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current		
Nominal	180			
Minimum	135			
Maximum	225	0.020	5000 mA	



DIMENSIONS ARE IN mm [INCHES].

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PROJECT/PART NUMBER		HI2220R181R-10			
ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE		08/05/13	QU		
UPDATE COMPANY LOGO ADD ROHS		01/25/08	JRK		
ORIGINAL DRAFT		04/03/04	TMB		
DESCRIPTION		DATE	INT	SCALE	SHEET:
				04/03/04	NTS
				HI2220R181R-10-C	2 of 2

Laird