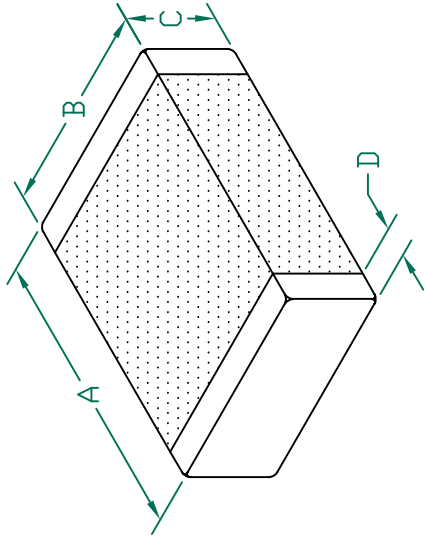


HI1812T800R-10

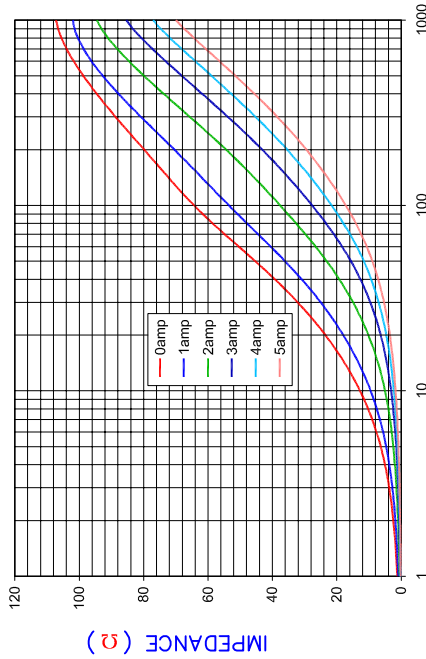
UNCONTROLLED
DOCUMENT

PHYSICAL DIMENSIONS:

A	4.50	[.177]	+	0.25	[.010]
B	3.20	[.126]	+	0.25	[.010]
C	1.40	[.055]	+	0.25	[.010]
D	0.65	[.026]	+	0.45	[.018]

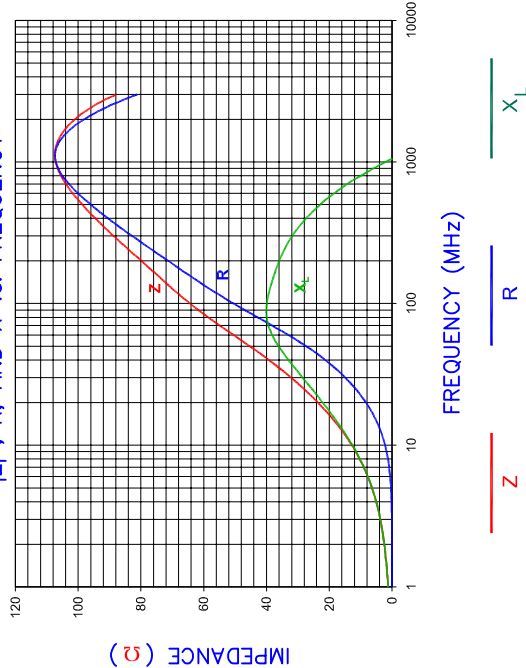


Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



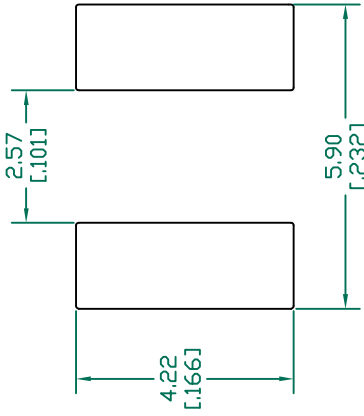
FREQUENCY (MHz)

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 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)

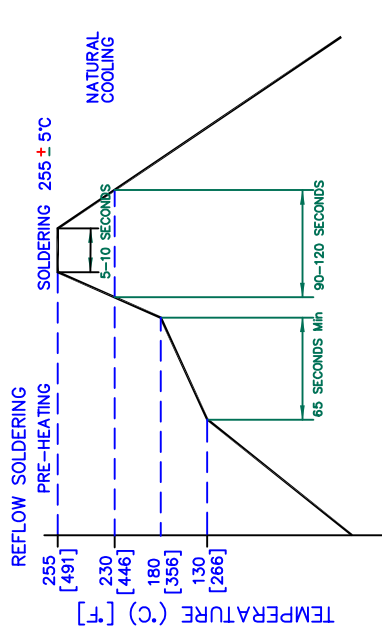


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	80	
Minimum	60	
Maximum	100	6000 mA

DIMENSIONS ARE IN mm [INCHES].

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PROJECT/PART NUMBER:
HI1812T800R-10

REV: **D** PART TYPE: **CO-FIRE** DRAWN BY: **TMB**

SCALE: **04/02/04** SHEET: **2 of 2**

DATE: **04/02/04** TMB: **INT**

DESCRIPTION: **HI1812T800R-10-D**

ADD OPERATING TEMPERATURE
UPDATE LAIRD LOGO AND REFLOW CURVE
08/05/13 QU

UPDATE D DIMENSION
03/12/10 JUN

UPDATE COMPANY LOGO ADD ROHS
01/24/08 JPK

ORIGINAL DRAFT
04/02/04 TMB

REV: **A** DATE: **04/02/04** TMB: **INT**

DESCRIPTION: **HI1812T800R-10-D**

SCALE: **04/02/04** SHEET: **2 of 2**

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