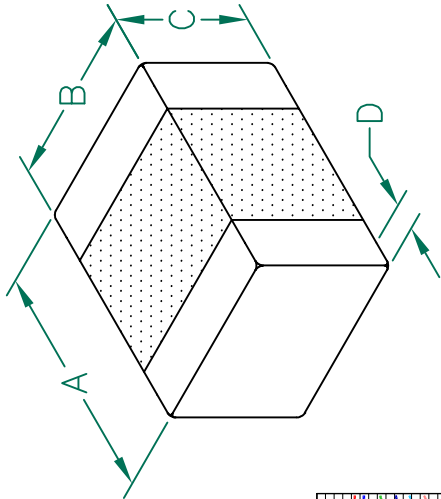


HI1612X560R-10

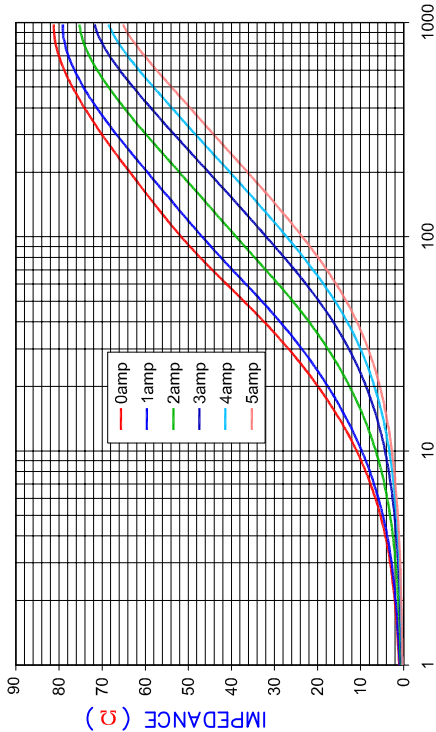
UNCONTROLLED
DOCUMENT

PHYSICAL DIMENSIONS:

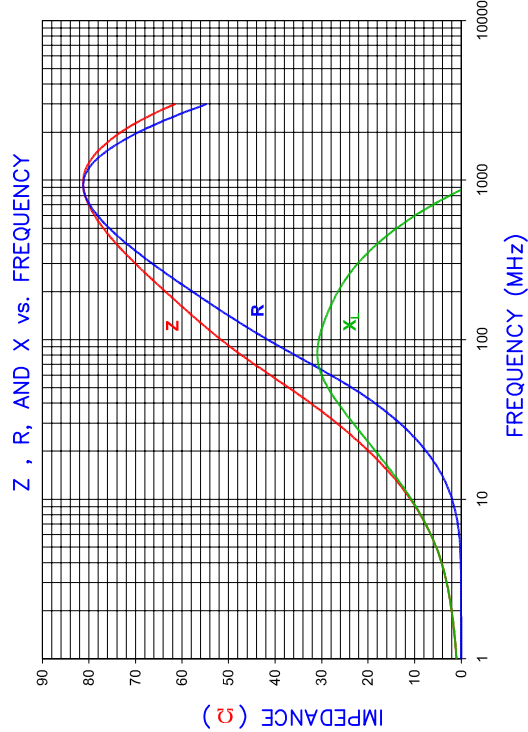
A	4.06	[.160]	+ 0.20	[.008]
B	3.05	[.120]	+ 0.20	[.008]
C	2.28	[.090]	+ 0.20	[.008]
D	0.70	[.028]	+ 0.25	[.010]



Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



Z , R, AND X vs. FREQUENCY



FREQUENCY (MHz)

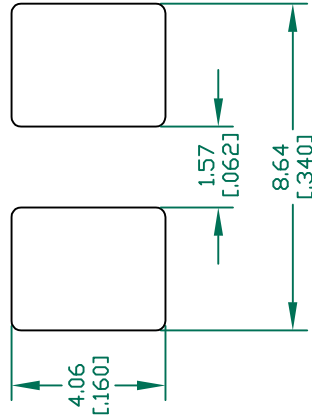
Z R X_L



2002/95/EC

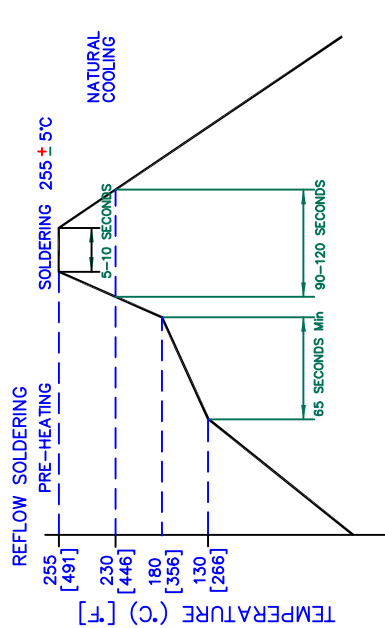


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	56	
Minimum	42	
Maximum	70	10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2,500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMPERATURE TEMP: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (INCLUDING SELF-HEATING)

DIMENSIONS ARE IN mm [INCHES].		This print is the property of Laird Tech. and is loaned in confidence and 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.	
G	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
F	UPDATE D DIMENSION	03/12/10	JUN
E	UPDATE COMPANY LOGO	06/15/09	JRK
D	UPDATE COMPANY LOGO	01/18/08	JRK
C	CHANGE TOLERANCE ON D DIMENSION	08/29/06	JRK
B	CHANGE D DIMENSION & TOLERANCE	03/21/06	JRK
A	ORIGINAL DRAFT	09/19/05	JRK
REV	DESCRIPTION	DATE	INT
PROJECT/PART NUMBER: HI1612X560R-10		REV: G	PART TYPE: CO-FIRE
DRAWN BY: JRK		SCALE: NTS	SHEET: 2 of 2
DATE: 09/19/05		TOOL #	—
HI1612X560R-10-G			

Laird