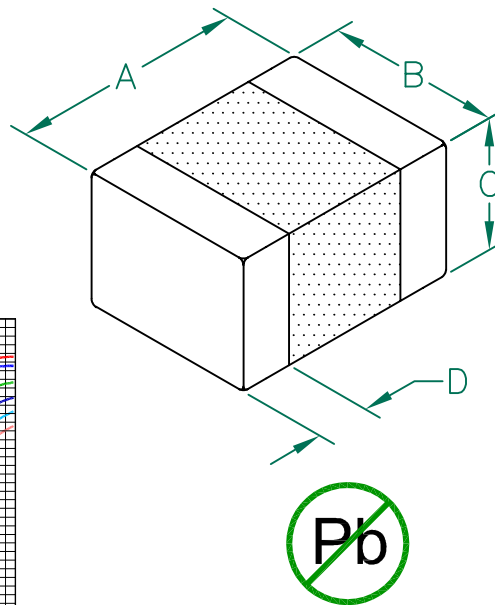


DM1612X560R-10

**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

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



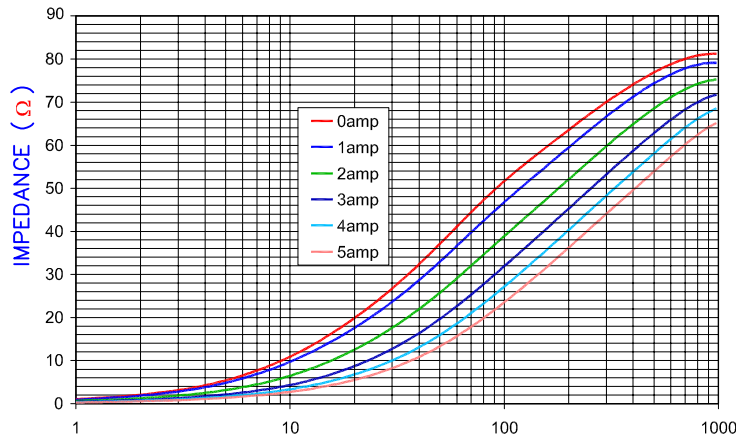
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	56	
Minimum	42	
Maximum	70	0.004 10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

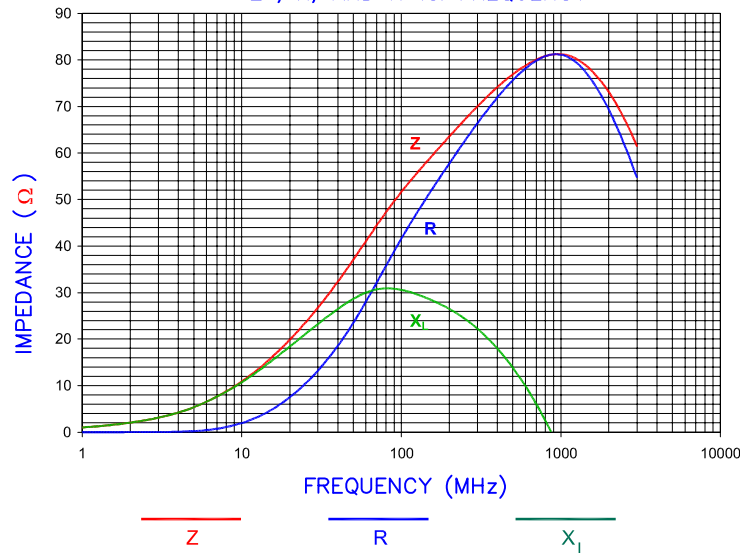
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2,500 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMPERATURE TEMP: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (INCLUDING SELF-HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



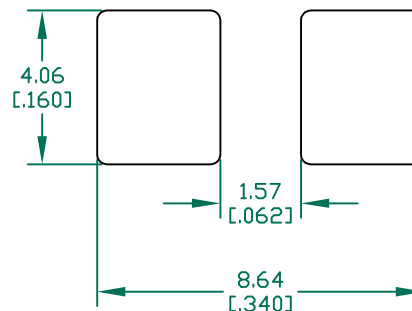
FREQUENCY (MHz)

Z, R, AND X vs. FREQUENCY



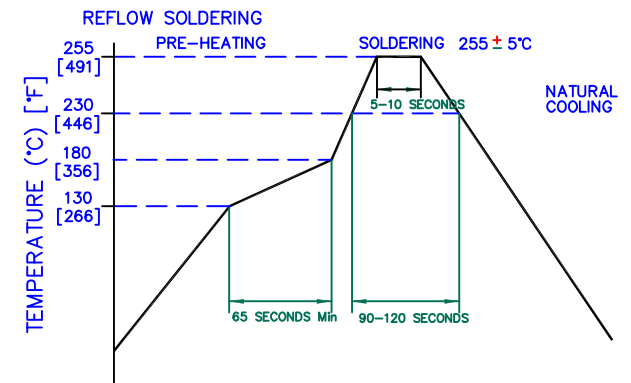
FREQUENCY (MHz)

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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G	OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
F	UPDATE D DIMENSION	03/12/10	JUN
E	UPDATE COMPANY LOGO	05/22/09	JRK
D	UPDATE COMPANY LOGO	1/11/08	JRK
C	CHG TOLS ON D DIMENSION	08/28/06	JRK
B	CHANGE D DIMENSION & TOLERANCE	03/21/06	JRK
A	ORIGINAL DRAFT	04/02/04	TMB
REV	DESCRIPTION	DATE	INT

Laird

PROJECT/PART NUMBER:

DM1612X560R-10

REV

G

PART TYPE:

CO-FIRE

DRAWN BY:

TMB

DATE: 04/02/04

SCALE: NTS

SHEET:

2 of 2