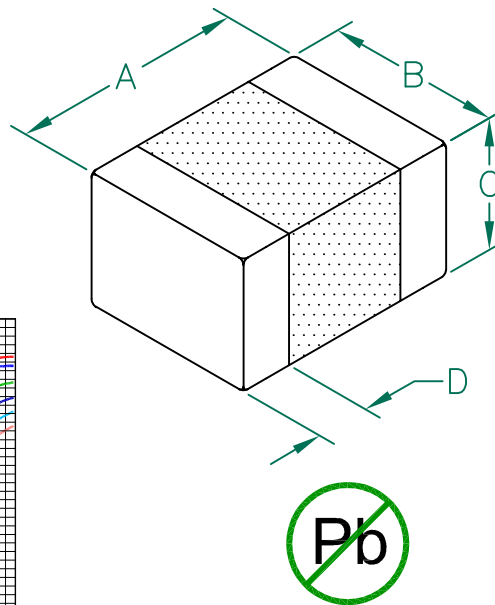


# DM1612X560R-10

**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]



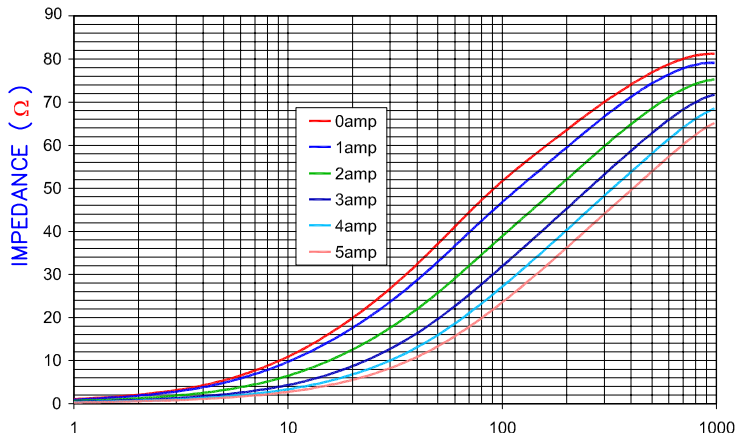
ELECTRICAL CHARACTERISTICS:

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

NOTES: UNLESS OTHERWISE SPECIFIED

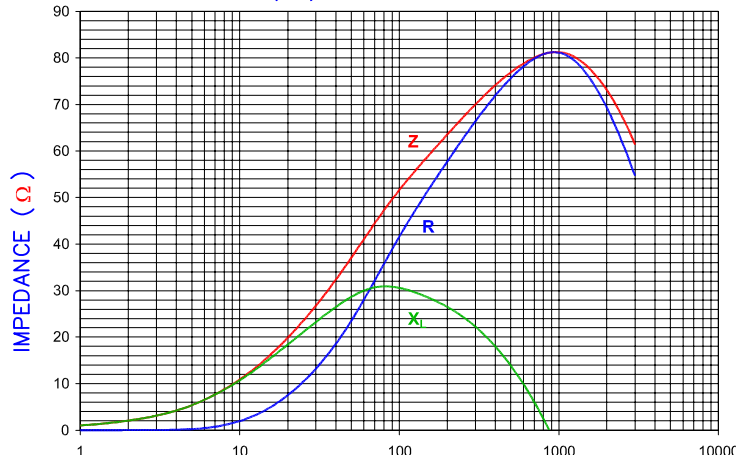
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2,500 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMPERATURE TEMP: -40°C~+125°C (INCLUDING SELF-HEATING)

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



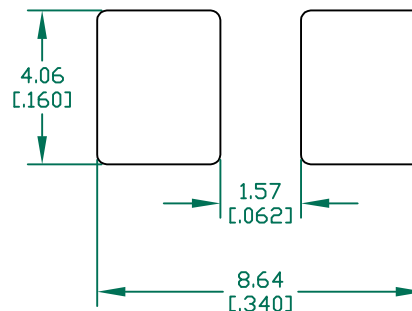
FREQUENCY (MHz)

Z, R, AND X vs. FREQUENCY



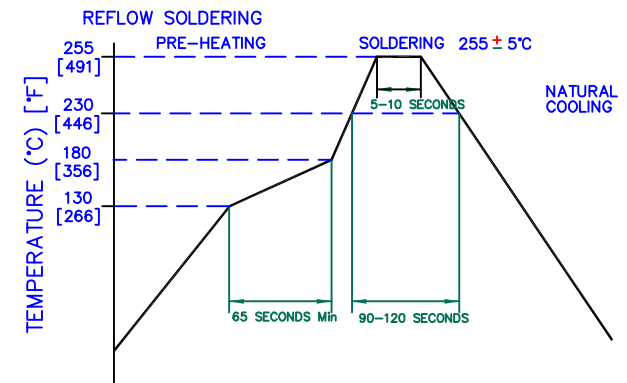
FREQUENCY (MHz)

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].				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.		<b>Laird</b>		
G	OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: <b>DM1612X560R-10</b>		REV G	PART TYPE: CO-FIRE	DRAWN BY: TMB
F	UPDATE D DIMENSION	03/12/10	JUN	DATE:	04/02/04	SCALE:	NTS	SHEET:
E	UPDATE COMPANY LOGO	05/22/09	JRK	GAD #	DM1612X560R-10-G	TOOL #	-	2 of 2
D	UPDATE COMPANY LOGO	1/11/08	JRK	DATE:		04/02/04		
C	CHG TOLS ON D DIMENSION	08/28/06	JRK	DATE:		04/02/04		
B	CHANGE D DIMENSION & TOLERANCE	03/21/06	JRK	DATE:		04/02/04		
A	ORIGINAL DRAFT	04/02/04	TMB	DATE:		04/02/04		
REV	DESCRIPTION	DATE	INT	DATE:		04/02/04		