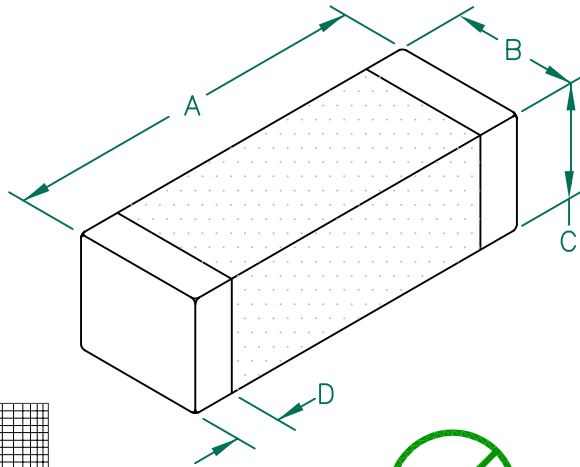


HZ1806K102R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

A	4.50 [.177]	+ 0.20 [.008]
B	1.60 [.063]	+ 0.20 [.008]
C	1.60 [.063]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.30 [.012]

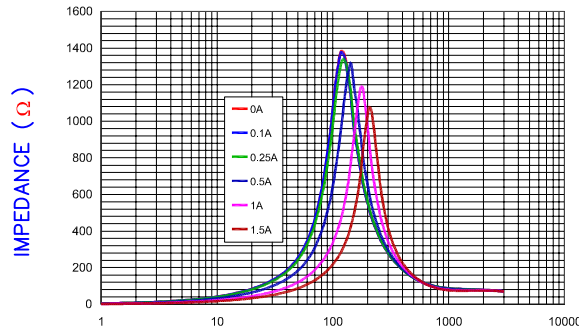


ELECTRICAL CHARACTERISTICS:

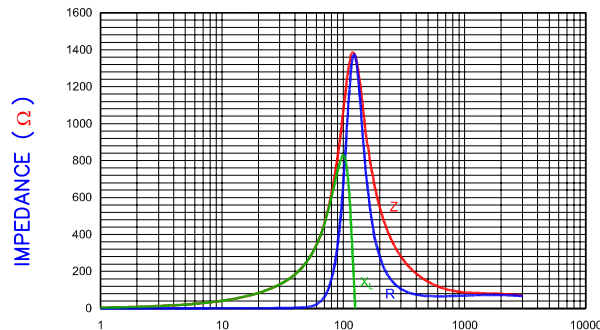
Z @ 100MHz (Ω)		DCR (Ω)	Rated Current
Nominal	1000		
Minimum	750		
Maximum	1250	0.15	1,500 mA

- NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 2,000 PCS/REEL, EMBOSSED PLASTIC TAPE.
 2. TERMINATION FINISH IS 100% TIN.
 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
 4. OPERATING TEMP. RANGE: -40°C~+125°C (INCLUDING SELF-HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

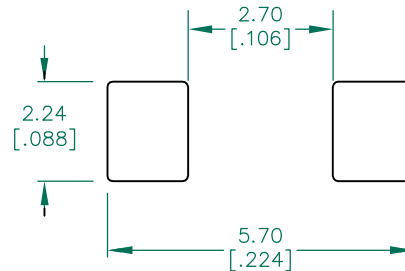


FREQUENCY (MHz)
|Z|, R, AND X vs. FREQUENCY



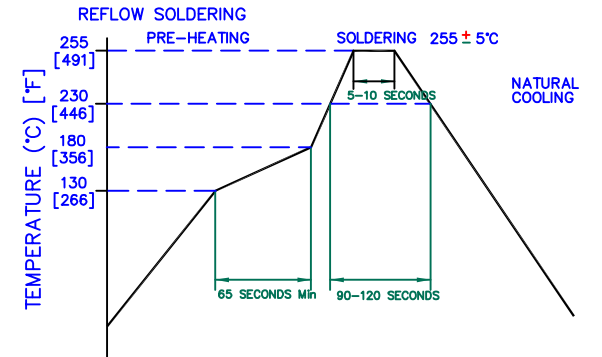
— Z — R — X_L

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.		Laird					
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:	HZ1806K102R-10	REV	D	PART TYPE:	CO-FIRE	DRAWN BY:	JRK
C	UPDATE COMPANY LOGO	03/25/08	JRK	DATE:	12/15/06	SCALE:	NTS	SHEET:	2 of 2		
B	CORRECT MIN Z SPEC FROM 700	12/21/06	JRK	GAD #	HZ1806K102R-10-D	TOOL #	-				
A	ORIGINAL DRAFT	12/15/06	JRK								
REV	DESCRIPTION	DATE	INT								