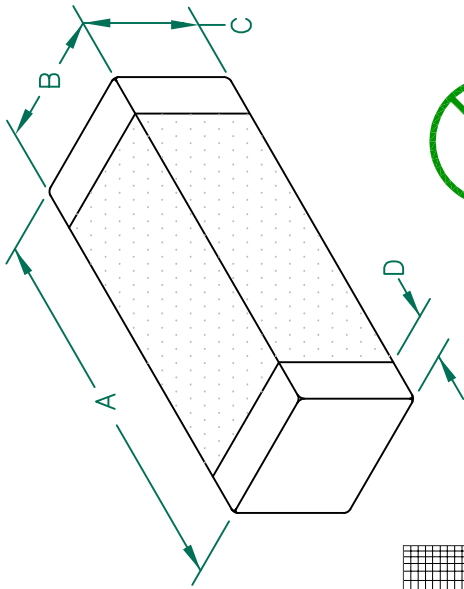


HZ1806K102R-10

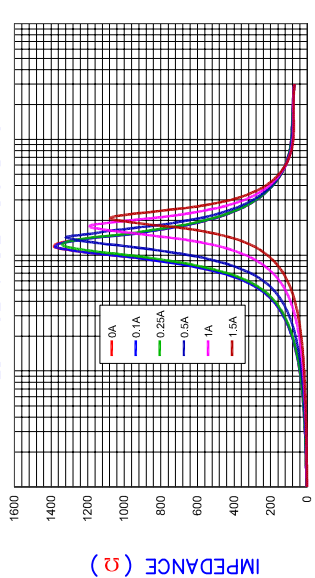
UNCONTROLLED
DOCUMENT

PHYSICAL DIMENSIONS:

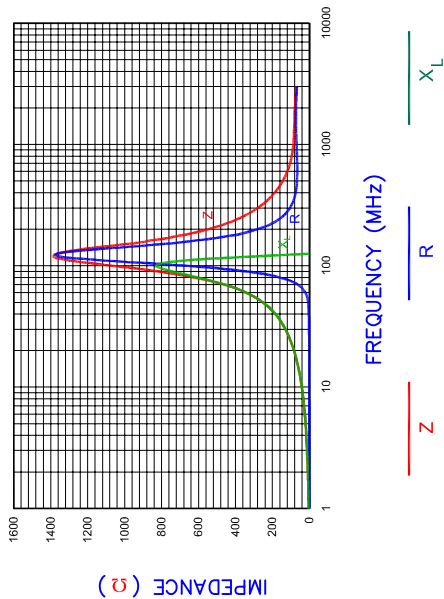
A	4.50	[.177]	± 0.20	[.008]
B	1.60	[.063]	± 0.20	[.008]
C	1.60	[.063]	± 0.20	[.008]
D	0.51	[.020]	± 0.30	[.012]



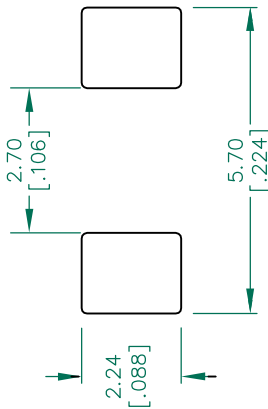
Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



|Z|, R, AND X vs. FREQUENCY

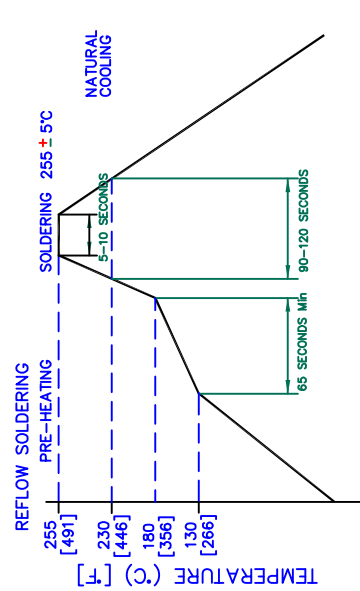


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	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)

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

Rolls
2002/95/EC

Laird

FREQUENCY (MHz)

X_L

R

Z