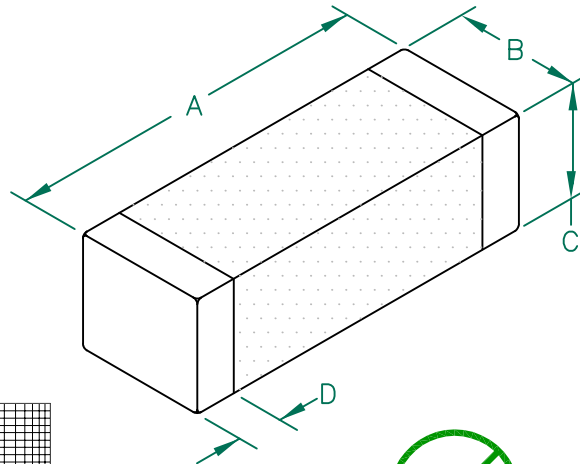


HZ1806K102R-10

**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]



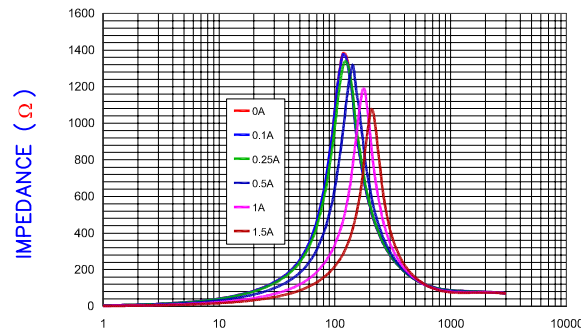
ELECTRICAL CHARACTERISTICS:

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

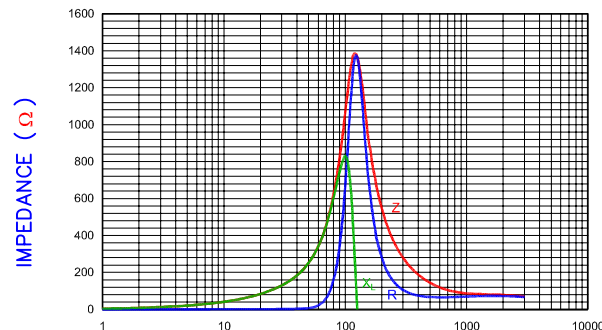
NOTES: UNLESS OTHERWISE SPECIFIED

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: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (INCLUDING SELF-HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



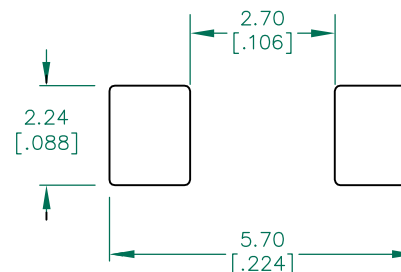
FREQUENCY (MHz)
|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)

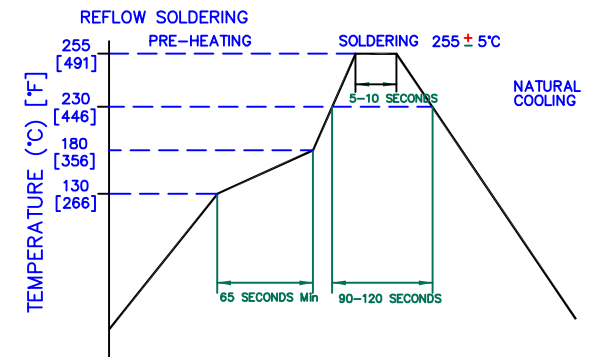
— Z — R — X_L

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:	HZ1806K102R-10
C	UPDATE COMPANY LOGO	03/25/08	JRK	REV	D
B	CORRECT MIN Z SPEC FROM 700	12/21/06	JRK	PART TYPE:	CO-FIRE
A	ORIGINAL DRAFT	12/15/06	JRK	DRAWN BY:	JRK
REV	DESCRIPTION	DATE	INT	DATE:	12/15/06
			CAD #	SCALE:	NTS
			H Z1806K102R-10-D		SHEET:
			TOOL #	2 of 2	