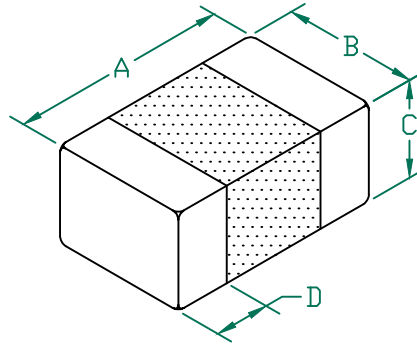


# HZ0805E601R-10

## PHYSICAL DIMENSIONS:

A	2.00 [.079]	+ 0.20 [.008]
B	1.25 [.049]	+ 0.20 [.008]
C	0.90 [.035]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.25 [.010]

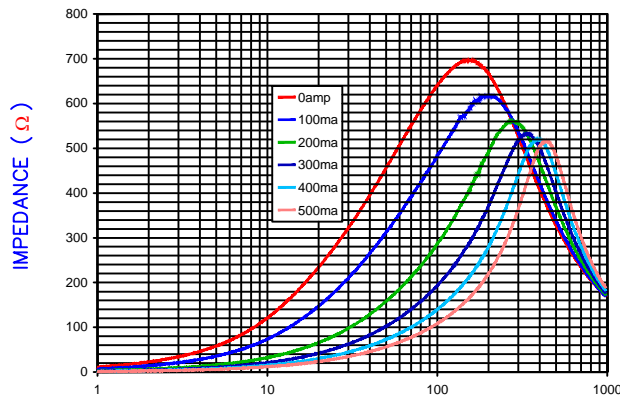


## ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	600	
Minimum	450	
Maximum	750	0.300 500 mA

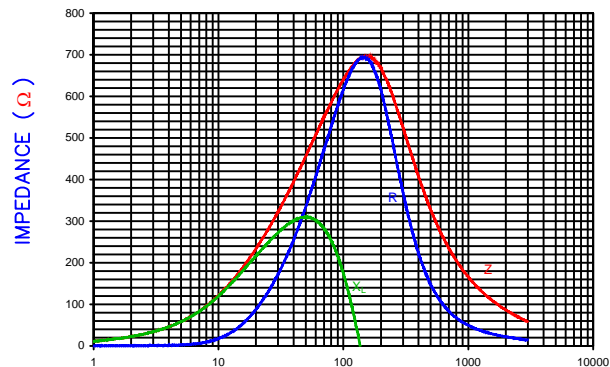
- NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
  2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
  3. TERMINATION FINISH IS 100% TIN.
  4. OPERATING TEMP. RANGE: -55°C~+125°C (INCLUDING SELF-HEATING)
  5. COSMETIC SPECIFICATION REFER TO WI-QA-124.

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)

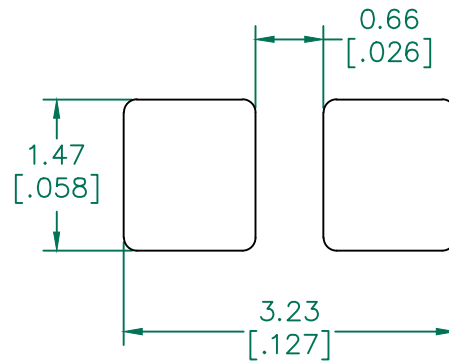
|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)

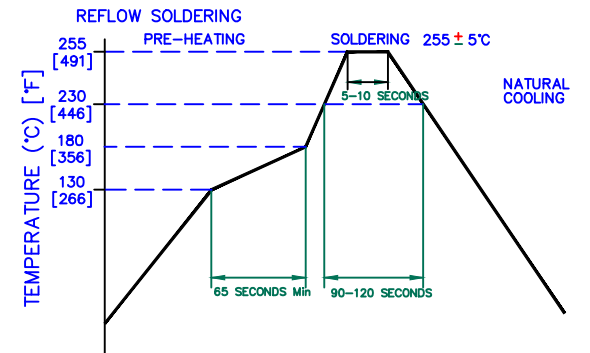
Z R X<sub>L</sub>

## LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763 [.030] to this dimension.)

## RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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RoHS

REV	DESCRIPTION	DATE	INT	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
E	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	HZ0805E601R-10	E	CO-FIRE	JRK
D	CHANGE SOLDERING TEMPERATURE	08/23/10	JUN				
C	CHANGE TO PAPER TAPE	03/03/10	JUN				
B	UPDATE COMPANY LOGO ADD ROHS	03/21/08	JRK				
A	ORIGINAL DRAFT	03/01/04	JRK				
DATE: 03/01/04				SCALE: NTS	SHEET: 1 of 1		
CAD # HZ0805E601R-10-E				TOOL # -			