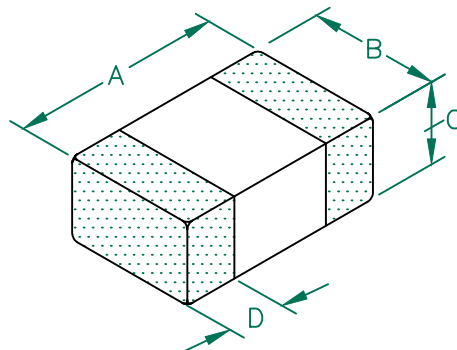


# IC0805B122R-10

## PHYSICAL DIMENSIONS:

A	2.00 [.079]	$\pm$ 0.20 [.008]
B	1.25 [.049]	$\pm$ 0.20 [.008]
C	0.90 [.035]	$\pm$ 0.20 [.008]
D	0.50 [.020]	$\pm$ 0.30 [.012]

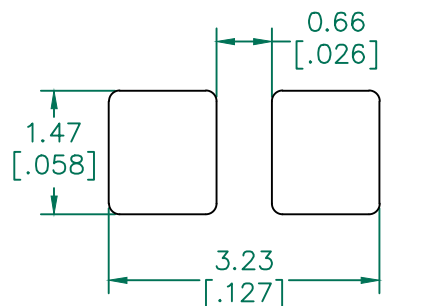


- NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, EMBOSSED PLASTIC TAPE.
  2. TERMINATION FINISH IS 100% MATTE Sn OVER Ni.
  3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
  4. I (MAX.) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MAXIMUM TEMPERATURE RISE OF 40°C OVER AMBIENT.
  5. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

## ELECTRICAL CHARACTERISTICS:

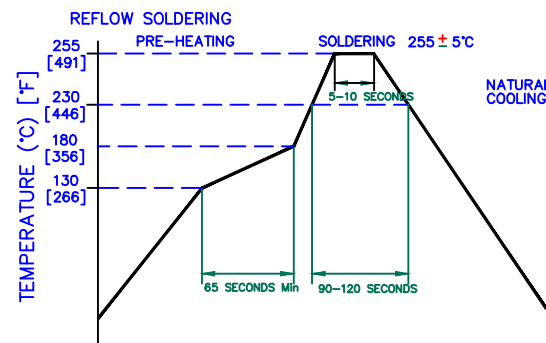
L (nH) $\pm$ 10%	1320	Max
	1200	Nom
	1080	Min
Q (Min)	45	
Freq. (MHz)	10	
Self-Resonant Freq (MHz)	65	
DCR(Max) $\Omega$	0.50	
I (Max)	250mA	

### LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763 [.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>		
E	CHANGE NOTE 1	01/09/17	QU	PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:
D	REMOVE NOTE 5	07/21/16	QU	IC0805B122R-10				E	CO-FIRE	JRK
C	UPDATE C DIMENSION FORM 1.25 to 0.9(mm)	11/18/14	QU	DATE:				SCALE:	NTS	SHEET:
B	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	08/28/08						
A	ORIGINAL DRAFT	8/28/08	JRK	CAD #						
REV	DESCRIPTION	DATE	INT	IC0805B122R-10-E				TOOL #	-	1 of 1