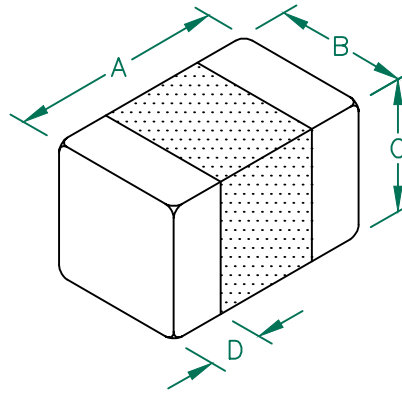


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PHYSICAL DIMENSIONS:

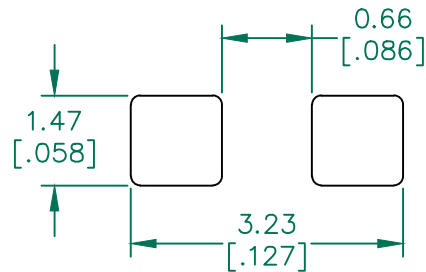
A	2.00 [.079]	+ 0.20[.008]
B	1.25 [.049]	+ 0.20[.008]
C	1.25 [.049]	+ 0.20[.008]
D	0.51 [.020]	+ 0.25[.010]



ELECTRICAL CHARACTERISTICS:

L (nH) ± 10%	902	Max
	820	Nom
	738	Min
Q (Min)	25	
Freq. (MHz)	25	
Self-Resonant Freq (MHz)	100	
DCR(Max) Ω	1.00	
I (Max)	150mA	

LAND PATTERNS FOR REFLOW SOLDERING

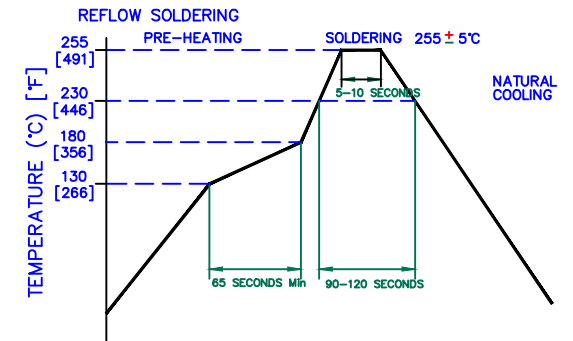


(For wave soldering, add 0.762[.030] to this dimension)

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL.
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)
5. COSMETIC SPECIFICATION REFER TO WI-QA-124.

RECOMMENDED SOLDERING CONDITIONS



RoHS

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.			
C	REMOVE I (Operating)	07/21/16	QU	PROJECT/PART NUMBER: IC0805A821R-10			
B	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	DATE: 05/14/08	SCALE: NTS	SHEET: 1 of 1	
A	ORIGINAL DRAFT	05/14/08	JRK	CAD #	TOOL #		
REV	DESCRIPTION	DATE	INT	IC0805A821R-10-C			

Laird

REV C PART TYPE: CO-FIRE DRAWN BY: JRK

Mouser Electronics

Authorized Distributor

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