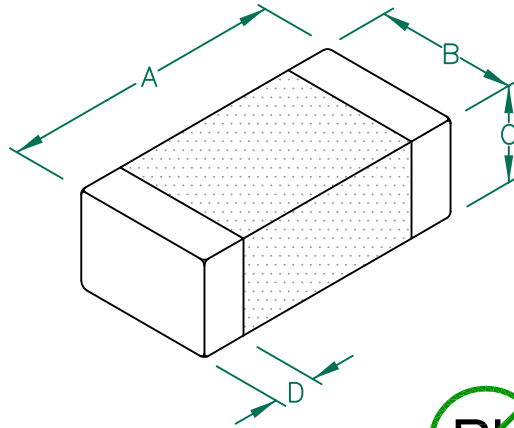


IC1206B821R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

A	3.20 [.126]	+ 0.20[.008]
B	1.60 [.063]	+ 0.20[.008]
C	1.10 [.043]	+ 0.30[.012]
D	0.50 [.020]	+ 0.30[.012]

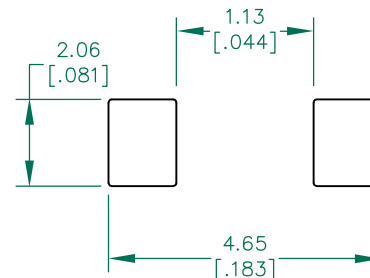


- NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL, EMBOSSED PLASTIC TAPE.
 2. TERMINATION FINISH IS 100% MATTE Sn OVER Ni.
 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
 4. I (MAX.) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MAXIMUM TEMPERATURE RISE OF 40°C OVER AMBIENT.
 5. I (OPERATING) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MINIMUM INDUCTANCE (L).
 6. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

ELECTRICAL CHARACTERISTICS:

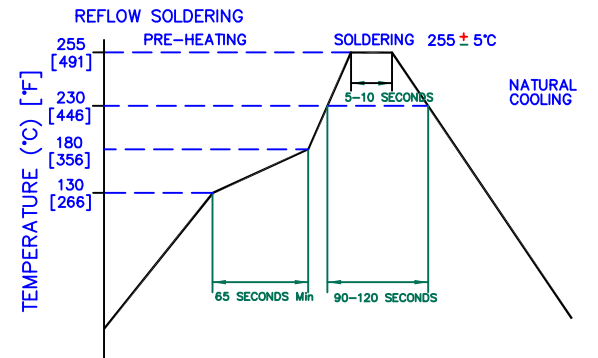
L (nH) ± 10%	902	Max
	820	Nom
	738	Min@150mA
Q (Min)	25	
Freq. (MHz)	25	
Self-Resonant Freq (MHz)	100	
DCR(Max) Ω	0.90	
I (Max)	150mA	
I (Operating)	150mA	

LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 (0.030) 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.			
F	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU				
E	UPDATE COMPANY LOGO	07/03/08	JRK				
D	MODIFY NOTES, CHG TOLS ON C&D DIMS. CHG SELF RESONANT FREQ. AND D DIMS.	01/18/07	JRK				
C	CHANGE OPERATING CURRENT FROM 5mA	11/15/06	JRK				
B	REMOVE KO FROM P/N UPDATE LANDPATTERN ADD NOTES AND ELECT SPECS	03/23/06	JRK				
A	ORIGINAL DRAFT	06/04/04	JRK	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
REV	DESCRIPTION	DATE	INT	IC1206B821R-10	F	CO-FIRE	JRK
				DATE:	SCALE:	SHEET:	
				06/04/04	NTS	2 of 2	
				CAD #	TOOL #		
				IC1206B821R-10-F	-		