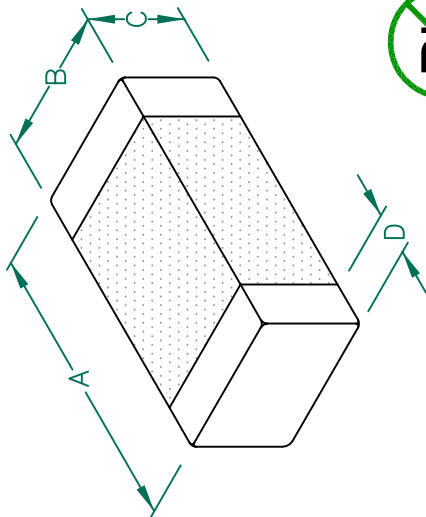


**UNCONTROLLED
DOCUMENT**

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



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	

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL, EMBOSSED PLASTIC TAPE.
2. TERMINATION FINISH IS 100% MATTIE 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)

(For wave soldering, add 0.762 (0.030) to this dimension)

The graph illustrates the temperature profile for reflow soldering. The y-axis represents Temperature (°C) with marked values at 255, 230, 180, 130, and 266. The x-axis represents time, divided into four stages: REFLUX SOLDERING, PRE-HEATING, SOLDERING, and NATURAL COOLING. Key time intervals are marked: 5-10 SECONDS for the initial heating, 90-120 SECONDS for the dwell at 230°C, 65 SECONDS MIN for the dwell at 180°C, and 130 SECONDS for the dwell at 130°C.



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 REMOVE KO FROM P/N UPDATE LANDPATTERN ADD NOTES AND ELECT SPECS	11/15/06	JRK											
B		03/23/06	JRK											
A	ORIGINAL DRAFT	06/04/04	JRK	DATE	06/04/04		SCALE	NTS		SHEET:				
REV	DESCRIPTION	DATE	INT	CAD #	IC1206B821R-10-F							2 of 2		
				PROJECT/PART NUMBER				DRAWN BY:		JRK				
				IC1206B821R-10				F		CO-FIRE		JRK		