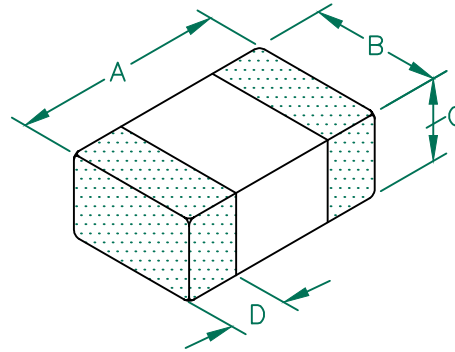


IC0805B331R-10

PHYSICAL DIMENSIONS:

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



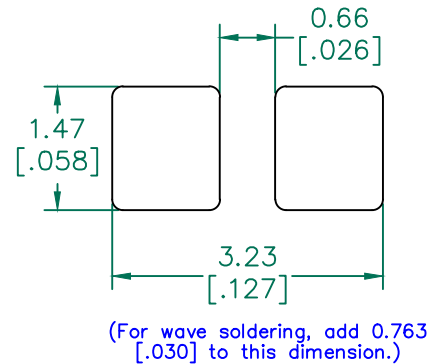
NOTES: UNLESS OTHERWISE SPECIFIED

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)

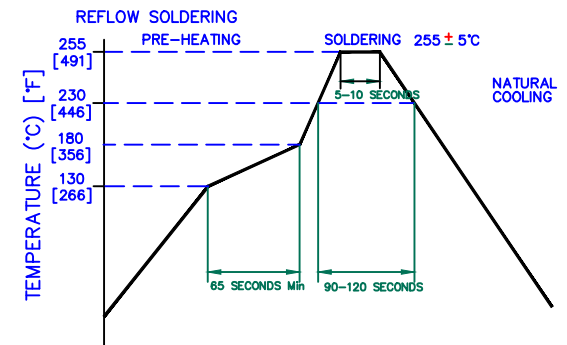
ELECTRICAL CHARACTERISTICS:

L (nH) ± 10%	363	Max
	330	Nom
	297	Min
Q (Min)	20	
Freq. (MHz)	25	
Self-Resonant Freq (MHz)	145	
DCR(Max) Ω	0.55	
I (Max)	250mA	

LAND PATTERNS FOR REFLOW SOLDERING



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.			
E	CHANGE NOTE 1	01/09/17	QIU	PROJECT/PART NUMBER: IC0805B331R-10	REV	PART TYPE:	DRAWN BY:
D	REMOVE NOTE 5	07/21/16	QIU		E	CO-FIRE	JRK
C	UPDATE C DIMENSION FROM 1.25 to 0.9(mm)	11/18/14	QU	DATE:	08/28/08	SCALE:	NTS
B	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	CAD #	IC0805B331R-10-E	SHEET:	1 of 1
A	ORIGINAL DRAFT	08/28/08	JRK	TOOL #	-		
REV	DESCRIPTION	DATE	INT				