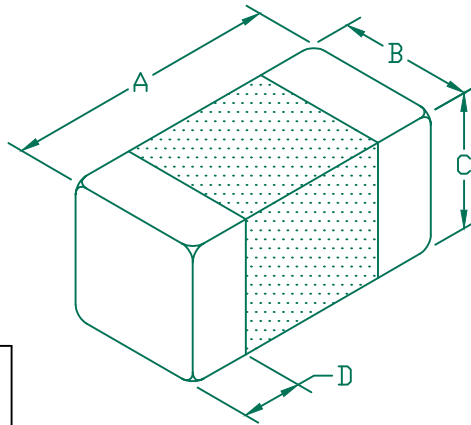


IC0805A183R-10

PHYSICAL DIMENSIONS:

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



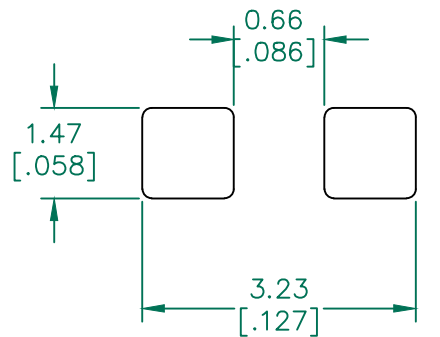
ELECTRICAL CHARACTERISTICS:

L (nH) ± 10%	19,800	Max
	18,000	Nom
	16,200	Min
Q (Min)	30	
Freq. (MHz)	1	
Self-Resonant Freq (MHz)	18	
DCR(Max) Ω	0.90	
I (Max)	150mA	

NOTES: UNLESS OTHERWISE SPECIFIED

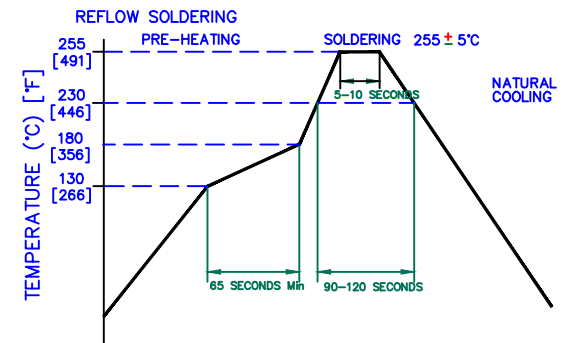
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL, EMBOSSED PLASTIC TAPE.
2. TERMINATION FINISH IS 100% MATTE Sn OVER Ni.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. I (MAX.) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MAXIMUM TEMPERATURE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

LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762[.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.						
E	REMOVE NOTE 5	07/21/16	QU	PROJECT/PART NUMBER: IC0805A183R-10						REV: E
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	DATE: 04/27/04				SCALE: NTS	SHEET: 1 of 1	
C	UPDATE COMPANY LOGO	06/18/08	JRK	CAD # IC0805A183R-10-E				TOOL # -		
B	REM KO FROM P/N REV. NOTES & LANDPATTERN CHANGE D DIMS AND TOLS REV SELF-RES FREQ.	01/16/07	JRK							
A	ORIGINAL DRAFT	04/27/04	JRK							
REV	DESCRIPTION	DATE	INT							