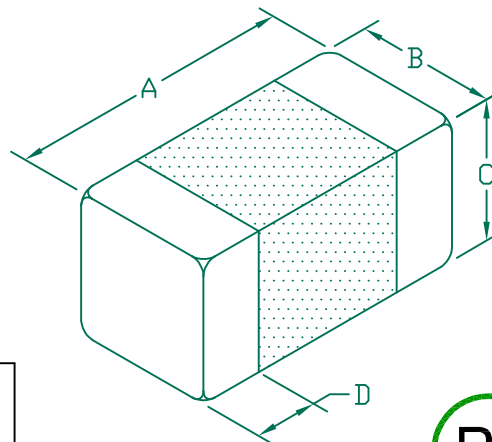


IC0805A183R-10

**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

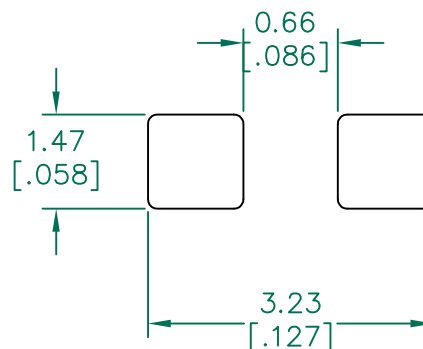
A	2.00 [.079]	+ 0.20[.008]
B	1.25 [.049]	+ 0.20[.008]
C	1.25 [.049]	+ 0.20[.008]
D	0.50 [.020]	+ 0.30[.012]



ELECTRICAL CHARACTERISTICS:

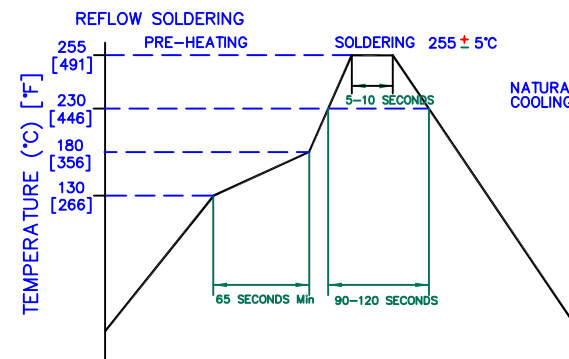
L (nH) ± 10%	19,800	Max
	18,000	Nom
	16,200	Min @ 5mA
Q (Min)	30	
Freq. (MHz)	1	
Self-Resonant Freq (MHz)	18	
DCR(Max) Ω	0.90	
I (Max)	150mA	
I (Operating)	5mA	

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.			
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU				
C	UPDATE COMPANY LOGO	06/18/08	JRK				
B	REM KO FROM P/N REV. NOTES & LANDPATTERN CHANGE D DIMS AND TOLS REV SELF-RES FREQ.	01/16/07	JRK	PROJECT/PART NUMBER: IC0805A183R-10 DATE: 04/27/04 SCALE: NTS SHEET: 2 of 2			
A	ORIGINAL DRAFT	04/27/04	JRK	REV: D PART TYPE: CO-FIRE DRAWN BY: JRK			
REV	DESCRIPTION	DATE	INT	CAD # IC0805A183R-10-D TOOL # -			