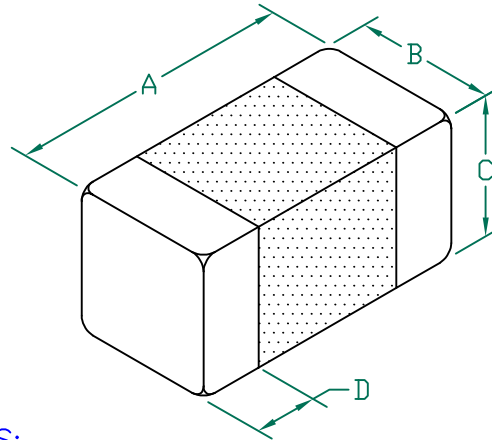


IC0805A272R-10

**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]

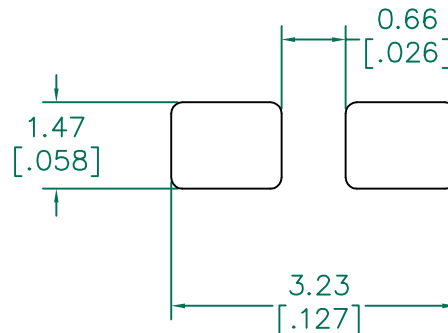


ELECTRICAL CHARACTERISTICS:

L (nH) ± 10%	2,970	Max
	2,700	Nom
	2,430	Min@ 30mA
Q (Min)	45	
Freq. (MHz)	10	
Self-Resonant Freq (MHz)	45	
DCR(Max) Ω	0.75	
I (Max)	150mA	
I (Operating)	30mA	

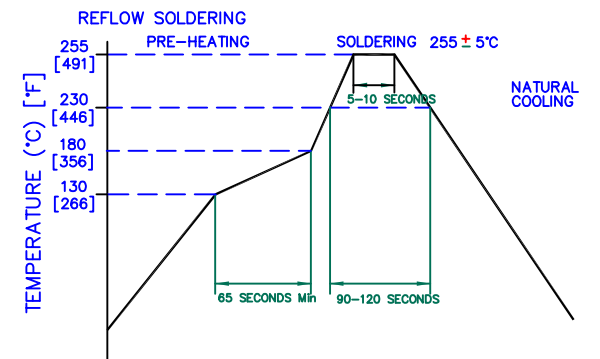


LAND PATTERNS FOR REFLOW SOLDERING



(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.		Laird		
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE		08/05/13	QU	PROJECT/PART NUMBER: IC0805A272R-10		REV C	PART TYPE: CO FIRE	DRAWN BY: JRK
B	UPDATE COMPANY LOGO		06/19/08	JRK	DATE: 01/02/07	SCALE: NTS	SHEET: 2 of 2		
A	ORIGINAL DRAFT		01/02/07	JRK	CAD # IC0805A272R-10-C	TOOL # -			
REV	DESCRIPTION		DATE	INT					