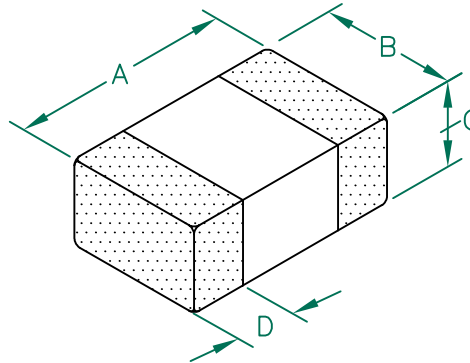


IC0805C470R-10

**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

A	2.00 [.079]	+ 0.20 [.008]
B	1.25 [.049]	+ 0.20 [.008]
C	0.85 [.033]	+ 0.20 [.008]
D	0.50 [.020]	+ 0.30 [.012]

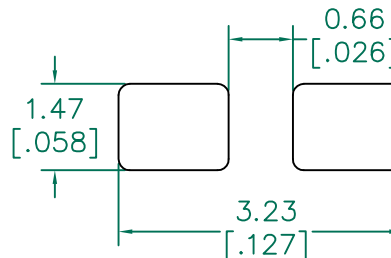


ELECTRICAL CHARACTERISTICS:

L (nH) ± 10%	52	Max
	47	Nom
	42	Min@ 300mA
Q (Min)	15	
Freq. (MHz)	50	
Self-Resonant Freq (MHz)	320	
DCR(Max) Ω	0.20	
I (Max)	300mA	
I (Operating)	300mA	

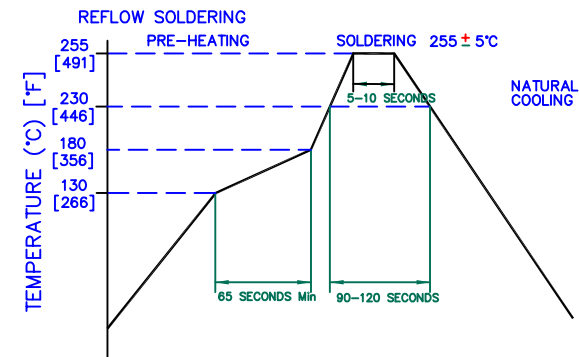


LAND PATTERNS FOR REFLOW SOLDERING



(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.			
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	IC0805C470R-10	REV	C	CO FIRE
B	UPDATE COMPANY LOGO	06/24/08	JRK	DATE: 01/02/07	SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	01/02/07	JRK	GAD #	TOOL #	-	2 of 2
REV	DESCRIPTION	DATE	INT	IC0805C470R-10-C			

Laird