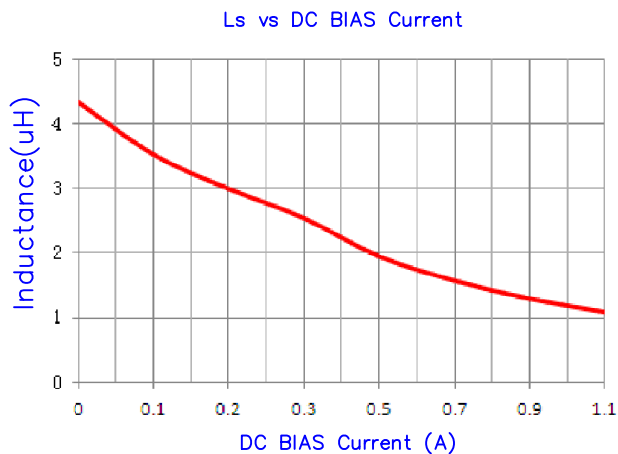
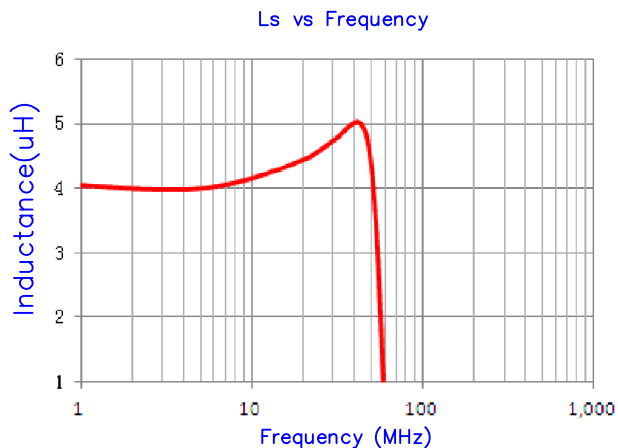
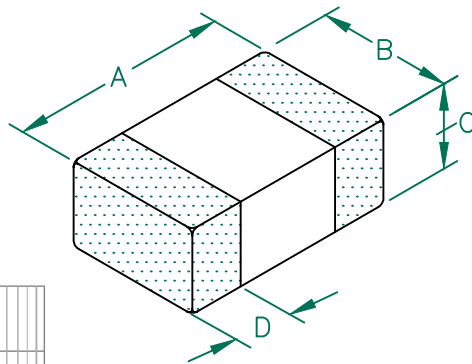


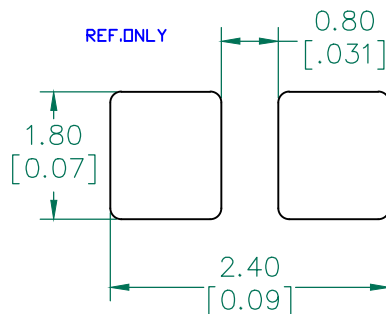
## CPI0806J4R7R-10

PHYSICAL DIMENSIONS:

A	2.00	[.079]	$\pm$	0.15	[.006]
B	1.60	[.063]	$\pm$	0.15	[.006]
C	0.90	[.035]	$\pm$	0.10	[.004]
D	0.50	[.020]	$\pm$	0.20	[.008]



## LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763  
[0.030] to this dimension)

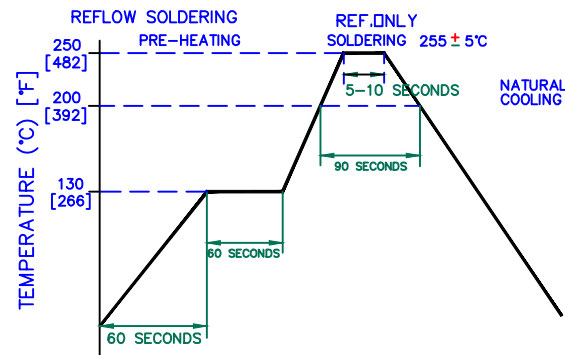
### ELECTRICAL CHARACTERISTICS:


	L (μH) @ 1MHz ± 20%	DCR ( Ω ) ± 30%	I (Max)
Nom	4.70	0.30	
Min	3.76	0.21	
Max	5.64	0.39	1100mA

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. OPERATION TEMPERATURE TEMP: -55°C~+125°C  
(INCLUDING SELF-HEATING)
6. COSMETIC SPECIFICATION REFER TO WI-QA-124.

## RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES]				<p>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.</p> 			
PROJECT/PART NUMBER:				REV		PART TYPE:	DRAWN BY:
CPI0806J4R7R-10				B		CO-FIRE	QU
B	UPDATE LAIRD LOGO AND NOTES 5		08/05/13	QU	DATE:	03/01/11	
A	ORIGINAL DRAFT		03/01/11	QU	SCALE:	NTS	
REV	DESCRIPTION		DATE	INT	CAD	CPI0806J4R7R-10-B	
				TOOL		-	
				1 of 1			

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Laird Performance Materials:](#)

[CPI0806J4R7R-10](#)