CPI0805H1R0R-10

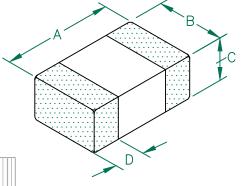
PHYSICAL DIMENSIONS:

A 2.00 [.079] ± 0.20[.008]

B 1.25 [.049] ± 0.20[.008]

± 0.10[.004] C 0.90 [.035]

± 0.20[.008] D 0.50 [.020]



ELECTRICAL CHARACTERISTICS:									
	L (μΗ) @ 1MHz ± 20%	DCR (Ω)	l (Max)						
Nom	1.0	_							
Min	0.8	_							
Max	1.2	0.20	800mA						

NOTES: UNLESS OTHERWISE SPECIFIED

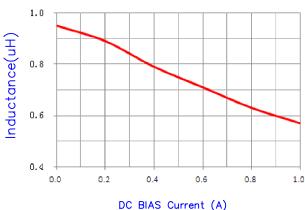
- 1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
 2. TERMINATION FINISH IS 100% MATTE Sn OVER Ni.
- 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 4. I (MAX.) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MAXIMUM TEMPERATURE 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.

2.0 Inductance(uH) 1.5 0.5 0.0 10 100 1,000

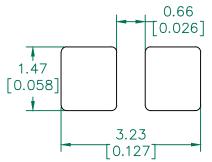
Ls vs Frequency

Frequency (MHz)

Ls vs DC BIAS Current

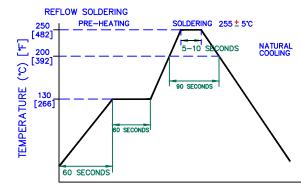


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS





	DIMENSIONS ARE IN mm [INCHE	[S].		This print is the property of Lain Tech. and is loaned in confidence subject to return upon request with the understanding that no copies shall be made without the written consent of Laird Tech. A rights to design or invention are reserved.	Laird				
				PROJECT/PART NUMBER:	Т	REV	PART TY	PE:	DRAWN BY:
С	CHANGE PLASTIC TAPE TO PAPER TAPE	04/17/14	QU	CPI0805H1R0R-10		С	CO-	-FIRE	QU
В	UPDATE LAIRD LOGO AND NOTES 5	08/05/13	QU	DATE: 03/01/11	SCAL	E NTS		SHEET:	
Α	ORIGINAL DRAFT	03/01/11	QU	, ,	TOO		13		
REV	DESCRIPTION	DATE	INT	CPI0805H1R0R-10-A			-	1	of 1