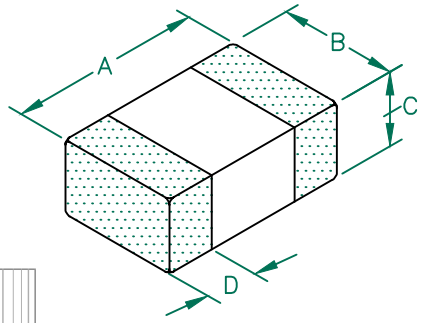
CPI1008J2R2R-10

PHYSICAL DIMENSIONS:

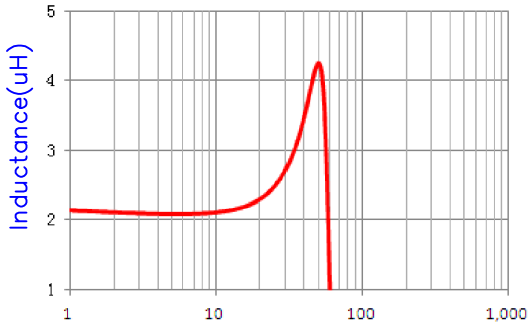
A	2.50 [.098]	± 0.20[.008]
B	2.00 [.079]	± 0.20[.008]
C	0.90 [.035]	± 0.10[.004]
D	0.60 [.024]	± 0.20[.008]



ELECTRICAL CHARACTERISTICS:			
	L (μH) @ 1MHz ± 20%	DCR (Ω)	I (Max)
Nom	2.20		
Min	1.76		
Max	2.64	0.2125	1300mA

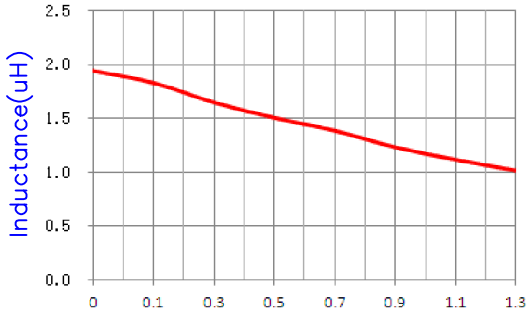
NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL, EMBOSSED PLASTIC TAPE.
2. TERMINATION FINISH IS 100% MATTE Sn OVER Ni.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. I (MAX.) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MAXIMUM TEMPERATURE RISE OF 40°C OVER AMBIENT.
5. OPERATION TEMPERATURE TEMP: −55°C~+125°C (INCLUDING SELF−HEATING)

Ls vs Frequency



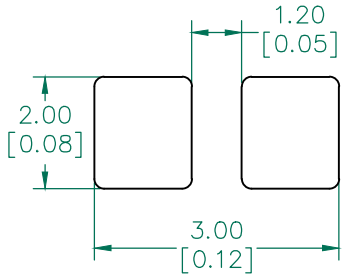
Frequency (MHz)

Ls vs DC BIAS Current



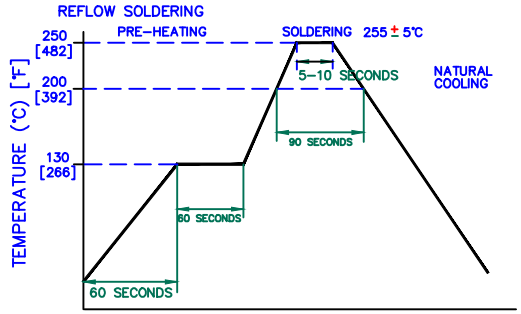
DC BIAS Current (A)

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



RoHS

DIMENSIONS ARE IN mm [INCHES]			
C	UPDATE PAD DIMENSION ROHS	07/08/14	QU
B	UPDATE LAIRD LOGO AND NOTES 5	08/05/13	QU
A	ORIGINAL DRAFT	03/01/11	QU
REV	DESCRIPTION	DATE	INT

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CPI1008J2R2R−10	C	CO−FIRE	QU
DATE: 03/01/11	SCALE: NTS	SHEET: 1 of 1	
CAD # CPI1008J2R2R−10−C	TOOL # −		