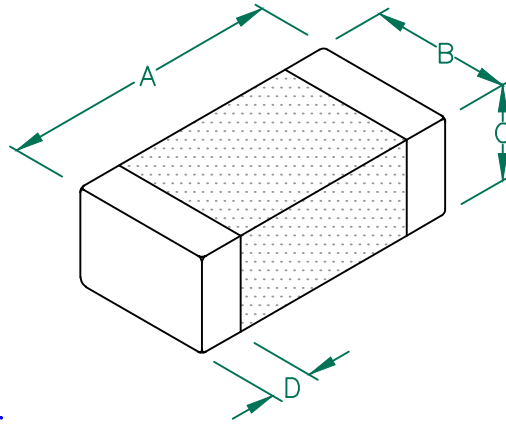


# IC1206A103R-10

## PHYSICAL DIMENSIONS:

A	3.20 [.126]	+ 0.20[.008]
B	1.60 [.063]	+ 0.20[.008]
C	1.10 [.043]	+ 0.30[.012]
D	0.50 [.020]	+ 0.30[.012]



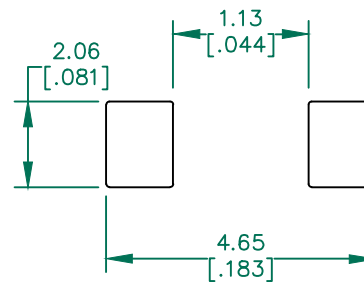
## NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL, EMBOSSED PLASTIC TAPE.
2. TERMINATION FINISH IS 100% TIN.
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. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

## ELECTRICAL CHARACTERISTICS:

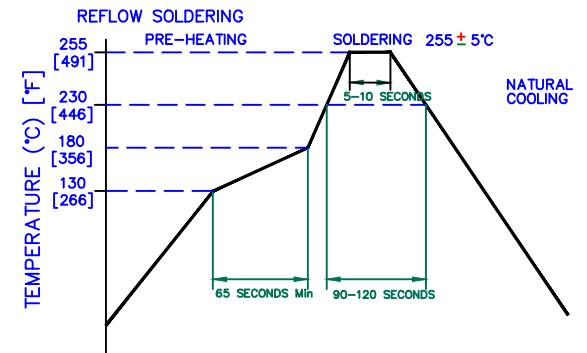
L (nH) ± 10%	11,000	Max
	10,000	Nom
	9,000	Min
Q (Min)	50	
Freq. (MHz)	2	
Self-Resonant Freq (Min) MHz	24	
DCR(Max) $\Omega$	1.00	
I (Max)	150mA	

## LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 (0.030) to this dimension)

## RECOMMENDED SOLDERING CONDITIONS



**RoHS**

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.		<b>Laird</b>	
F	REMOVE 1 (OPERATING) AND NOTES: 5	01/14/15	QU	REV	F	PART TYPE: CO-FIRE	DRAWN BY: JRK
E	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:	IC1206A103R-10		
D	UPDATE COMPANY LOGO & ROHS SYM	06/24/08	JRK	DATE:	5/27/04	SCALE: NTS	SHEET: 1 of 1
C	CHANGE C & D TOLERANCES CORRECT D DIMENSION CHANGE SELF-RESONANT FREQ.	01/15/07	JRK	CAD #	IC1206A103R-10-F		
B	CHG P/N FROM -K0 ADD OPERATING SPEC ADD NOTE 4 & 5 UPDATE LANDPATTERN	09/22/06	JRK	TOOL #	-		
A	ORIGINAL DRAFT	5/27/04	JRK				
REV	DESCRIPTION	DATE	INT				