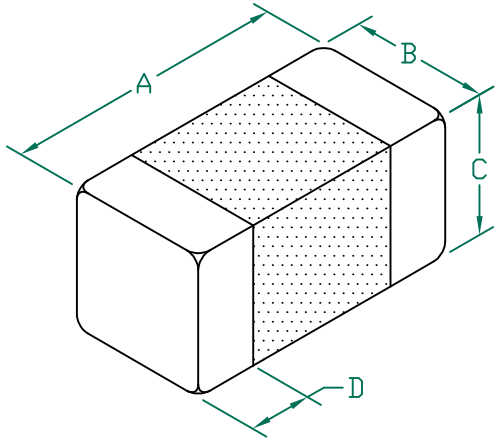
IC0603A102R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

A	1.60 [.063]	± 0.15[.006]
B	0.80 [.031]	± 0.15[.006]
C	0.80 [.031]	± 0.15[.006]
D	0.30 [.012]	± 0.20[.008]



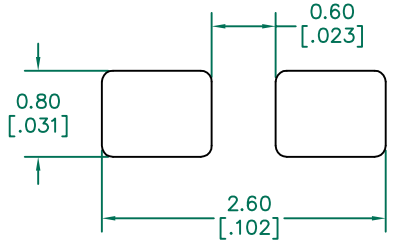
Pb

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. I (OPERATING) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MINIMUM INDUCTANCE (L).
6. OPERATING TEMP. RANGE: −40°C~+125°C. (INCLUDING SELF−HEATING)

ELECTRICAL CHARACTERISTICS:

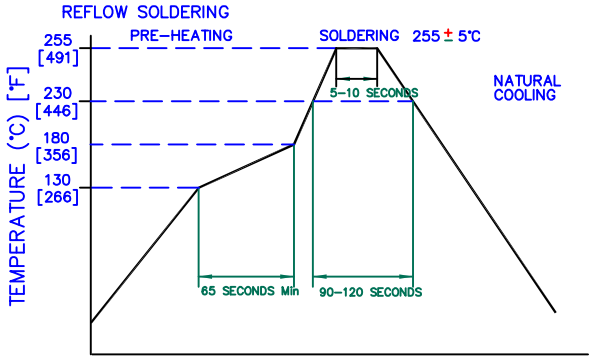
L (nH) ± 10%	1,100	Max
	1,000	Nom
	900	Min@ 25mA
Q (Min)	30	
Freq. (MHz)	10	
Self−Resonant Freq (MHz)	70	
DCR(Max) Ω	0.60	
I (Max)	150mA	
I (Operating)	25mA	

LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762[.030] to this dimension)

RECOMMENDED SOLDERING CONDITIONS



RoHS 2002/95/EC

REV	DESCRIPTION	DATE	INT
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
B	UPDATD COMPANY LOGO	03/25/08	JRK
A	ORIGINAL DRAFT	12/22/06	JRK

DIMENSIONS ARE IN mm [INCHES].

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
IC0603A102R−10	C	CO−FIRE	JRK

DATE:	SCALE:	SHEET:
12/22/06	NTS	2 of 2

CAD # IC0603A102R−10−C

TOOL # −