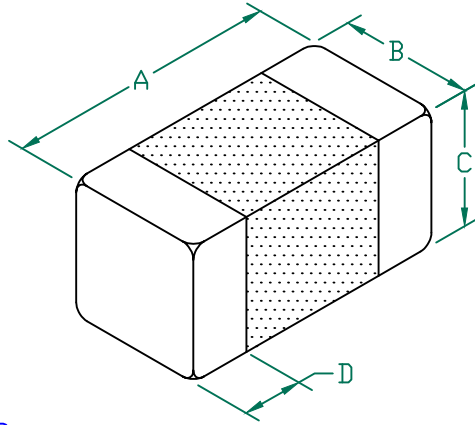


# IC0603A152R-10

## PHYSICAL DIMENSIONS:

- A 1.60 [.063]  $\pm$  0.15[.006]
- B 0.80 [.031]  $\pm$  0.15[.006]
- C 0.80 [.031]  $\pm$  0.15[.006]
- D 0.30 [.012]  $\pm$  0.20[.008]



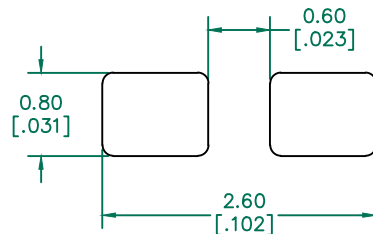
## NOTES: UNLESS OTHERWISE SPECIFIED

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. OPERATING TEMPERATURE RANGE: -40°C~+125°C.

## ELECTRICAL CHARACTERISTICS:

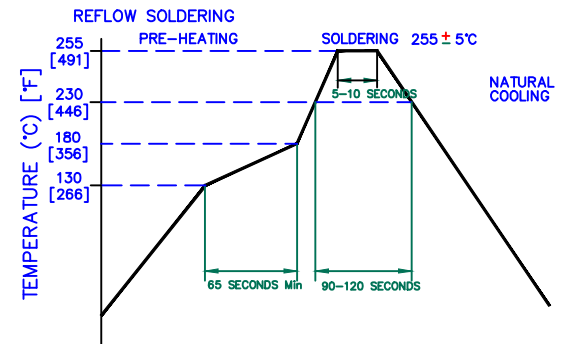
L (nH) $\pm$ 10%	1650	Max
	1500	Nom
	1350	Min
Q (Min)	35	
Freq. (MHz)	10	
Self-Resonant Freq (MHz)	60	
DCR(Max) $\Omega$	0.70	
I (Max)	40mA	

## LAND PATTERNS FOR REFLOW SOLDERING



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

## RECOMMENDED SOLDERING CONDITIONS



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>		
PROJECT/PART NUMBER: <b>IC0603A152R-10</b>				REV: <b>B</b>	PART TYPE: <b>CO-FIRE</b>	DRAWN BY: <b>QU</b>				
<b>B</b>	<b>REMOVE @100mV</b>	<b>07/21/16</b>	<b>QU</b>	DATE: <b>06/27/12</b>	SCALE: <b>NTS</b>	SHEET: <b>1 of 1</b>				
<b>A</b>	<b>ORIGINAL DRAFT</b>	<b>06/27/12</b>	<b>QU</b>	CAD # <b>IC0603A152R-10-B</b>	TOOL # <b>-</b>					
REV	DESCRIPTION	DATE	INT							