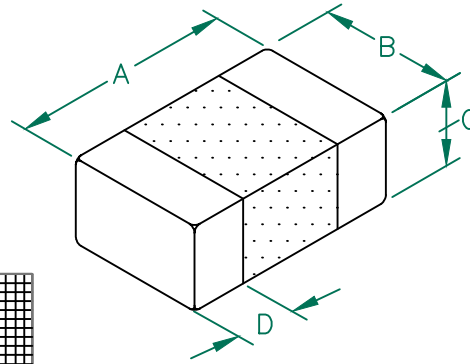


# LI0805G301R-10

## PHYSICAL DIMENSIONS:

A	2.00 [.079]	+ 0.20 [.008]
B	1.25 [.049]	+ 0.20 [.008]
C	0.90 [.035]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.25 [.010]



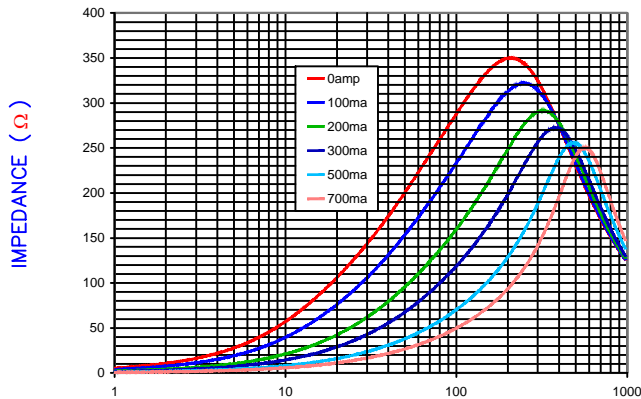
## ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	300		
Minimum	225		
Maximum	375	0.2	700 mA

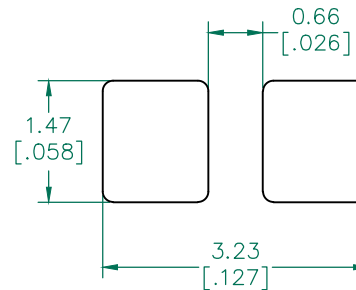
### NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS

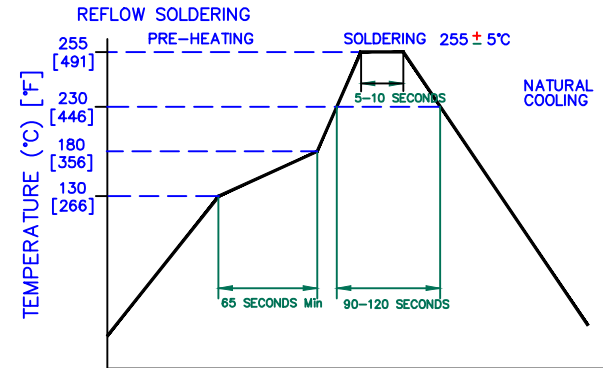


LAND PATTERNS FOR REFLOW SOLDERING

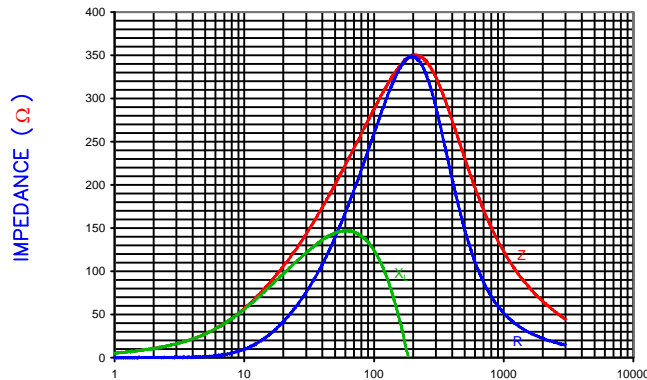


(For wave soldering, add 0.763 [.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



FREQUENCY (MHz)  
|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)



ROHS

DIMENSIONS ARE IN mm [INCHES].

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D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: <b>LI0805G301R-10</b>	REV <b>D</b>	PART TYPE: <b>CO-FIRE</b>	DRAWN BY: <b>JRK</b>
C	CHANGE TO PAPER TAPE	03/04/10	JUN				
B	UPDATE COMPANY LOGO ADD ROHS SYM	07/21/08	JRK	DATE: 04/13/04	SCALE: NTS	SHEET: -	
A	ORIGINAL DRAFT	04/13/04	JRK	CAD #			
REV	DESCRIPTION	DATE	INT	LI0805G301R-10-D	TOOL #		<b>1 of 1</b>