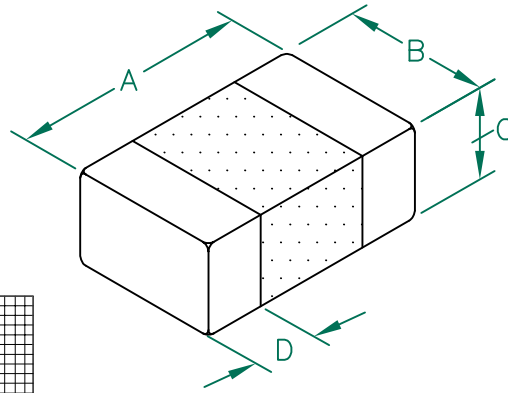


LI0805G301R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

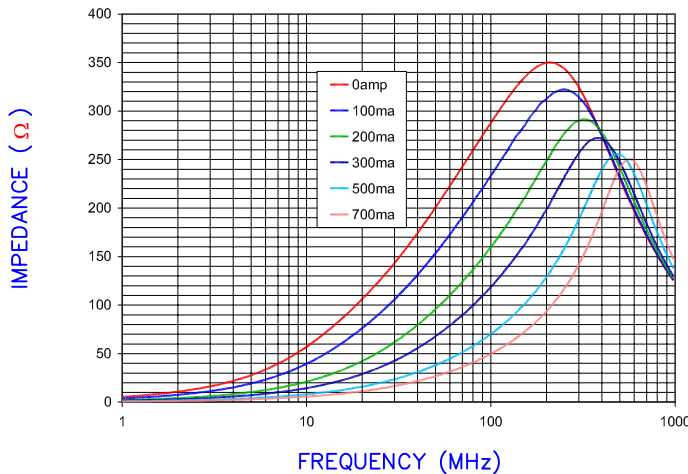
A	2.00 [.079]	\pm 0.20 [.008]
B	1.25 [.049]	\pm 0.20 [.008]
C	0.90 [.035]	\pm 0.20 [.008]
D	0.51 [.020]	\pm 0.25 [.010]



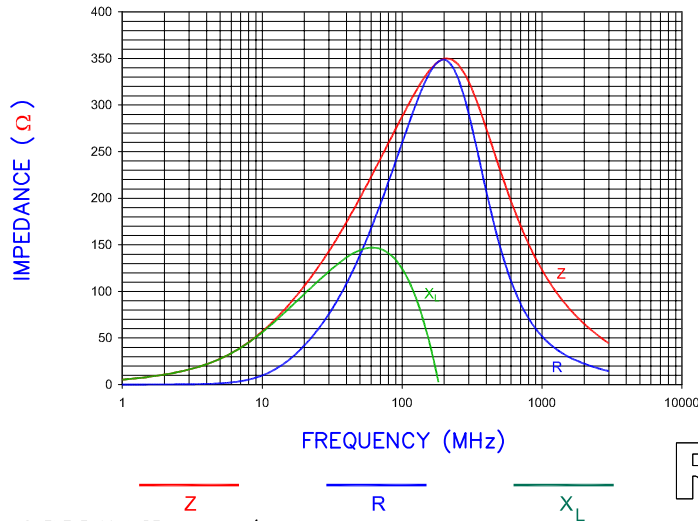
ELECTRICAL CHARACTERISTICS:			
	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	300		
Minimum	225		
Maximum	375	0.2	700 mA

- 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: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$. (INCLUDING SELF-HEATING)

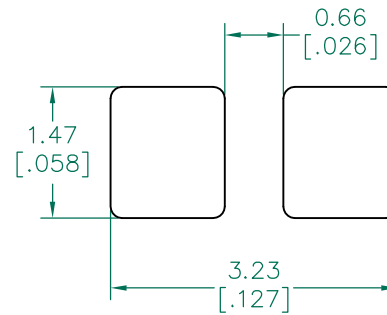
Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



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

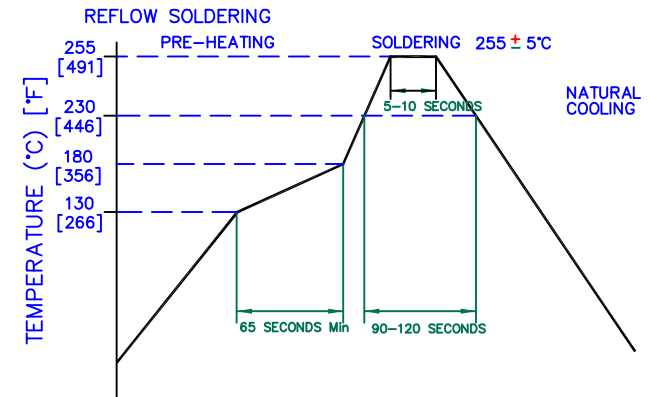


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



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: LI0805G301R-10	REV D	PART TYPE: CO-FIRE	DRAWN BY: JRK
C	CHANGE TO PAPER TAPE	03/04/10	JUN	DATE: 04/13/04	SCALE: NTS	SHEET: 2 of 2	
B	UPDATE COMPANY LOGO ADD ROHS SYM	07/21/08	JRK	GAD # LI0805G301R-10-D	TOOL # -		
A	ORIGINAL DRAFT	04/13/04	JRK				
REV	DESCRIPTION	DATE	INT				

