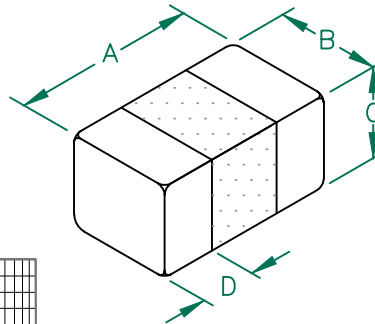


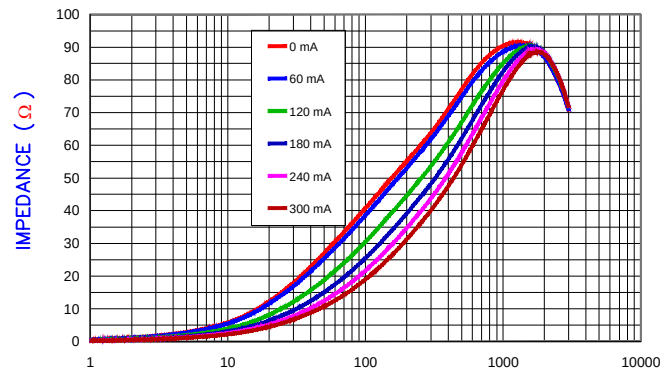
LI0402C470R-10

PHYSICAL DIMENSIONS:

A	1.00 [.040]	+	0.15 [.006]
B	0.50 [.020]	+	0.15 [.006]
C	0.50 [.020]	+	0.15 [.006]
D	0.30 [.012]	+	MAX.

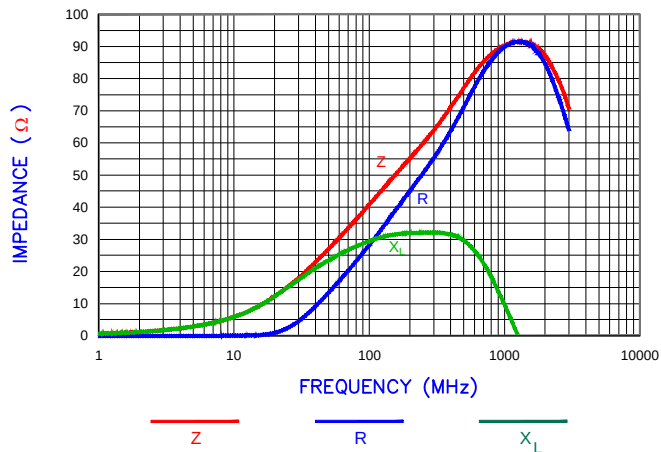


Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

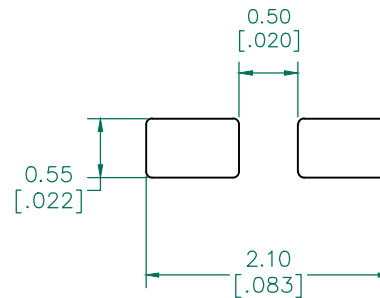


FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



LAND PATTERNS FOR REFLOW SOLDERING



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

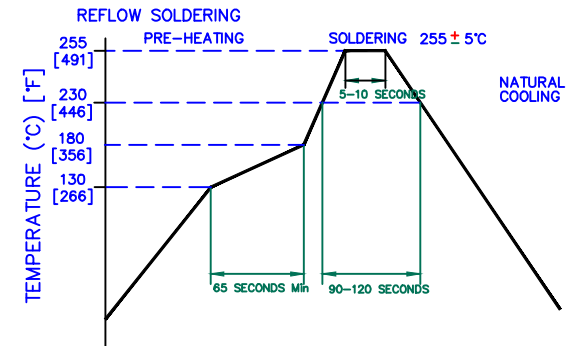
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	47	
Minimum	35	
Maximum	59	0.15
		300 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 10,000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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REV	DESCRIPTION	DATE	INT	PROJECT/PART NUMBER	REV	PART TYPE	DRAWN BY:
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	LI0402C470R-10	D	CO-FIRE	JRK
C	UPDATE COMPANY LOGO	07/08/08	JRK				
B	CORRECT DC BIAS CURVE DATA	07/27/07	JRK				
A	ORIGINAL DRAFT	07/24/07	JRK				
REV				CAD # LI0402D470R-10-D	TOOL #		

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