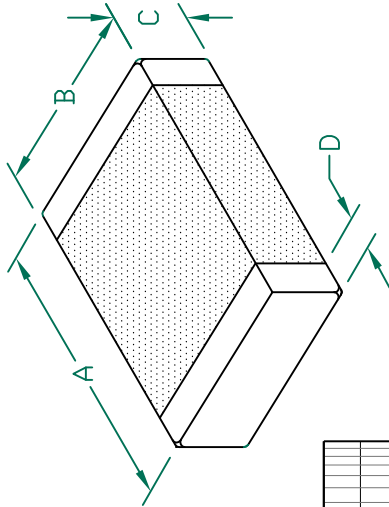


MI1812K121R-10

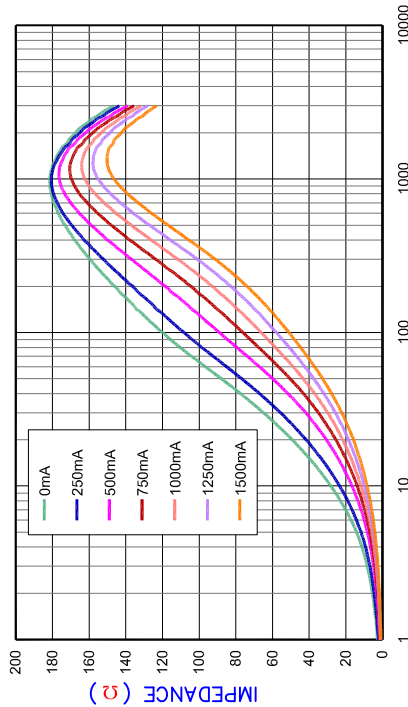
UNCONTROLLED
DOCUMENT

PHYSICAL DIMENSIONS:

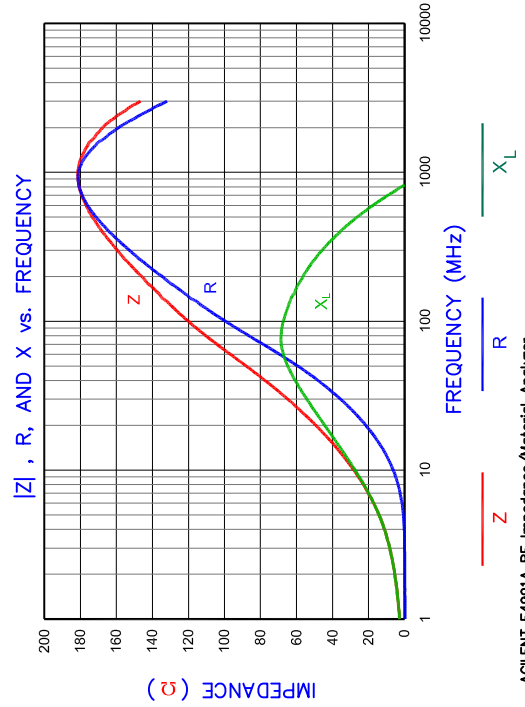
A	4.50	[.177]	+ 0.25	[.010]
B	3.20	[.126]	+ 0.25	[.010]
C	1.40	[.055]	+ 0.25	[.010]
D	0.46	[.018]	+ 0.20	[.008]



Z vs FREQUENCY



|Z|, R, AND X vs. FREQUENCY



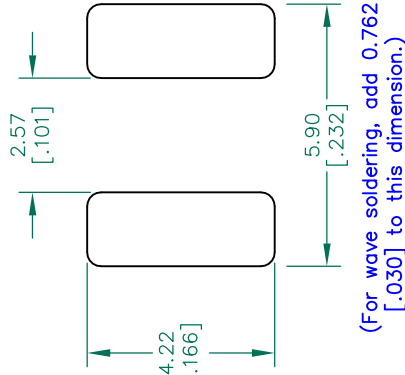
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	120	
Minimum	90	
Maximum	150	1500 mA

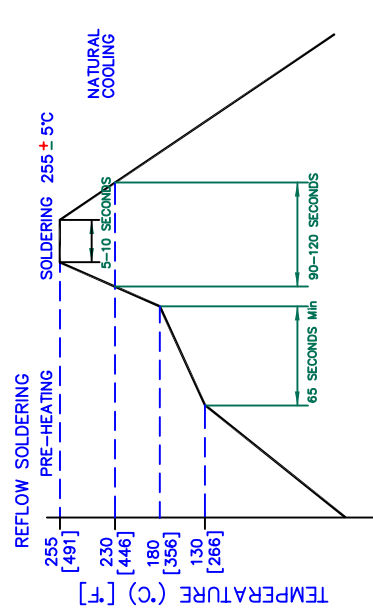
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
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)

LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN INCHES (mm).

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D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	JRK
C	UPDATE COMPANY LOGO	09/09/08	JRK	JRK
B	UPDATE CURVES & COMPANY LOGO ADD ROHS	05/16/07	JRK	JRK
A	ORIGINAL DRAFT	04/14/04	JRK	JRK
REV	DESCRIPTION	DATE	INT	
PROJECT/PART NUMBER: MI1812K121R-10		DATE: 04/14/04	SCALE: NTS	SHEET: 2 of 2
CADD # MI1812K121R-10-D				

