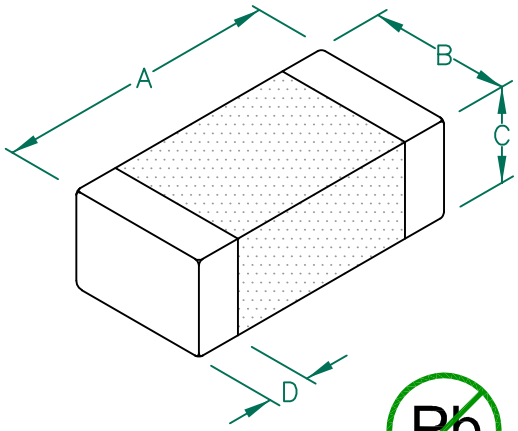
MI1206K310R-10

UNCONTROLLED DOCUMENT

PHYSICAL DIMENSIONS:

A	3.20 [.126]	± 0.20 [.008]
B	1.60 [.063]	± 0.20 [.008]
C	1.10 [.043]	± 0.20 [.008]
D	0.51 [.020]	± 0.25 [.010]

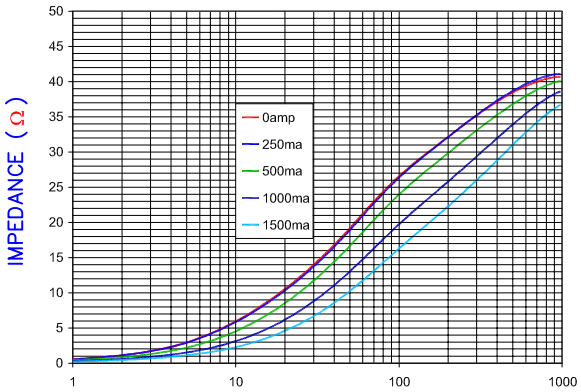


ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz (Ω)		DCR (Ω)	Rated Current
Nominal	31		
Minimum	23		
Maximum	39	0.045	1500 mA

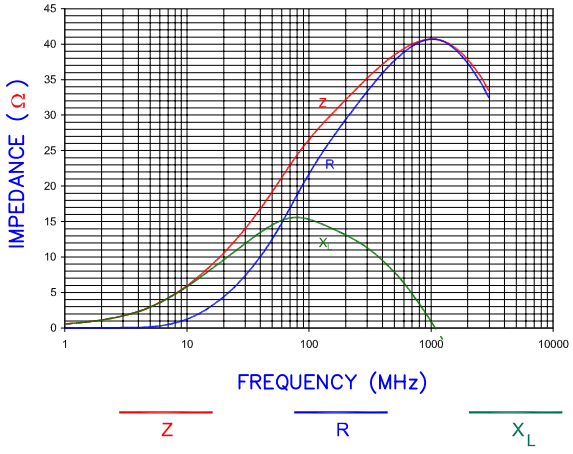
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL.
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)

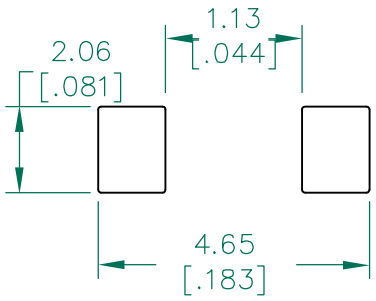
Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



|Z| , R, AND X vs. FREQUENCY

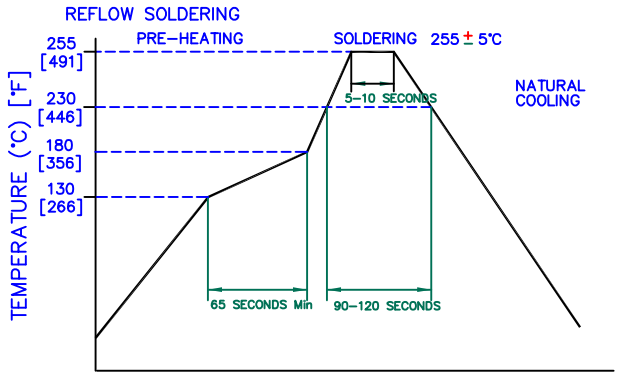


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



RoHS 2002/95/EC

AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3227

REV	DESCRIPTION	DATE	INT
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
B	UPDATE COMPANY LOGO ADD ROHS	8/22/08	JRK
A	ORIGINAL DRAFT	04/13/04	JRK

DIMENSIONS ARE IN mm [INCHES].

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MI1206K310R−10	C	CO−FIRE	JRK

DATE: 04/13/04 | SCALE: NTS | SHEET: 2 of 2

CAD # MI1206K310R−10−C | TOOL # −