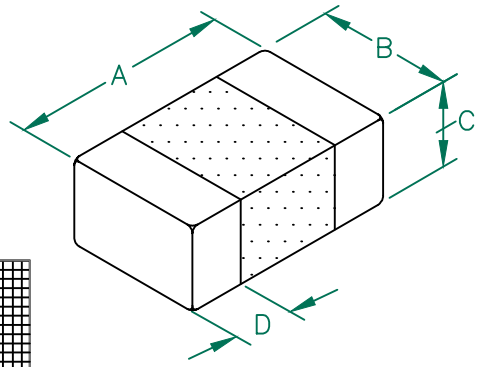
MI0805K601R-10

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]

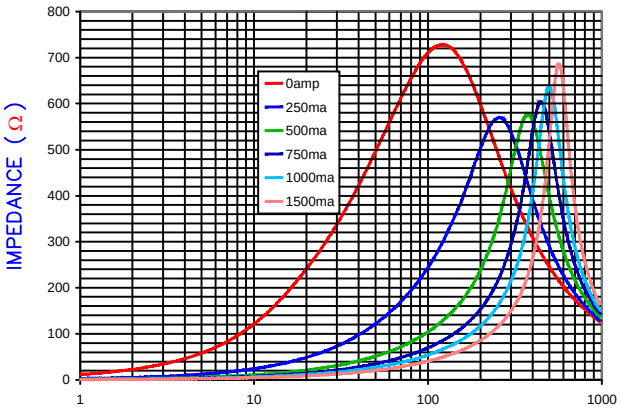


ELECTRICAL CHARACTERISTICS:			
	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	600		
Minimum	450		
Maximum	750	0.10	1500 mA

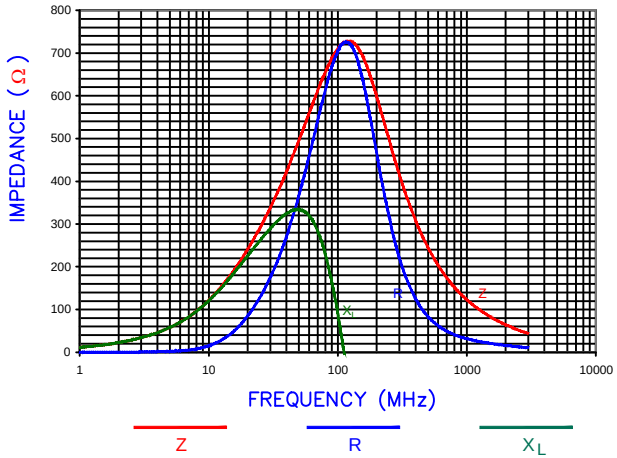
NOTES: UNLESS OTHERWISE SPECIFIED

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)
5. COSMETIC SPECIFICATION REFER TO WI−QA−124.

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

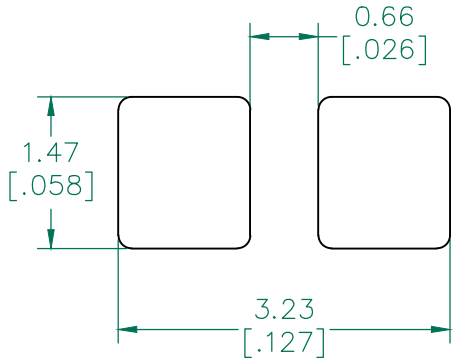


|Z| , R, AND X vs. FREQUENCY



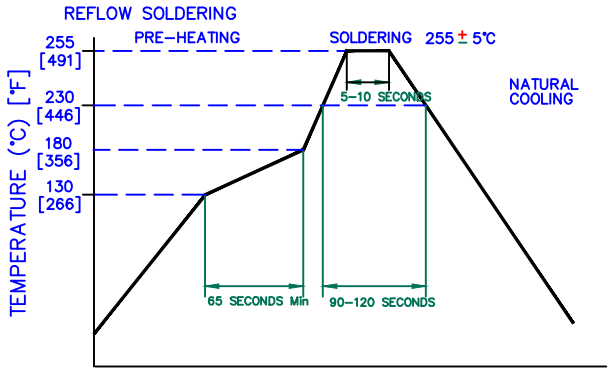
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3227

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



RoHS

REV	DESCRIPTION	DATE	INT
	DIMENSIONS ARE IN mm [INCHES].		
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU
C	CHANGE TO PAPER TAPE	03/04/10	JUN
B	UPDATE COMPANY LOGO ADD ROHS SYMBOL	08/18/08	JRK
A	ORIGINAL DRAFT	01/13/04	JRK

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MI0805K601R−10	D	CO−FIRE	JRK

DATE:	SCALE:	SHEET:
01/13/04	NTS	1 of 1

CAD # MI0805K601R−10−D TOOL # −

Mouser Electronics

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Laird Performance Materials:

MI0805K601R-10