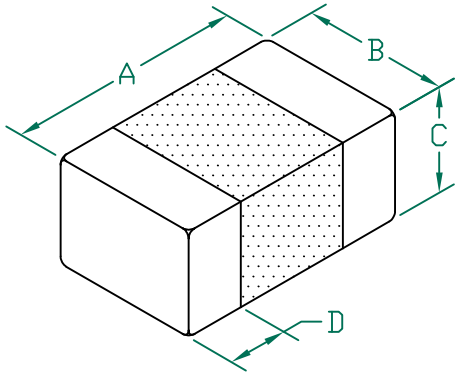
# HZ0805E601R-10

**UNCONTROLLED DOCUMENT**

## 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:

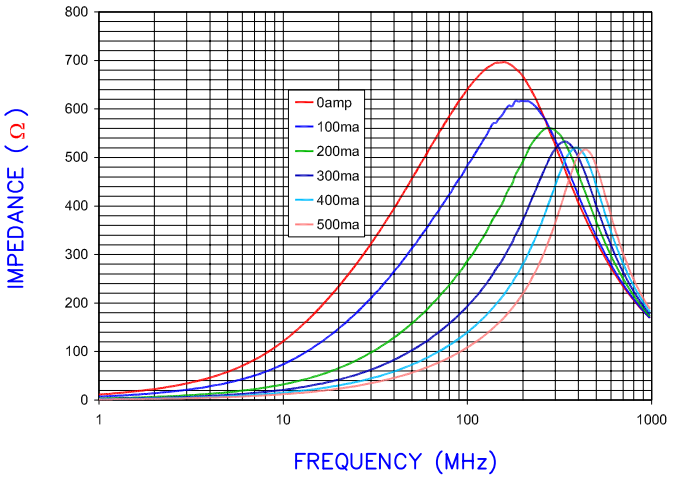
| | Z @ 100MHz (Ω) | DCR (Ω) | Rated Current |
|---|---|---|---|
| Nominal | 600 | | |
| Minimum | 450 | | |
| Maximum | 750 | 0.300 | 500 mA |

NOTES: UNLESS OTHERWISE SPECIFIED

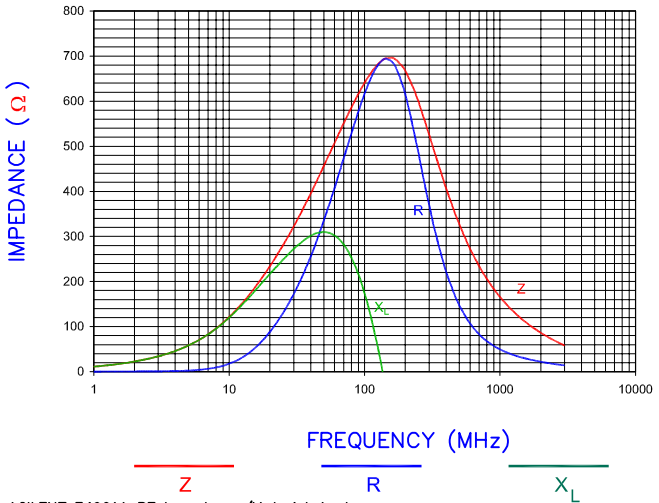
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMP. RANGE: −40°C~+125°C (INCLUDING SELF−HEATING)

Pb

### Z vs FREQUENCY
### IMPEDANCE UNDER DC BIAS

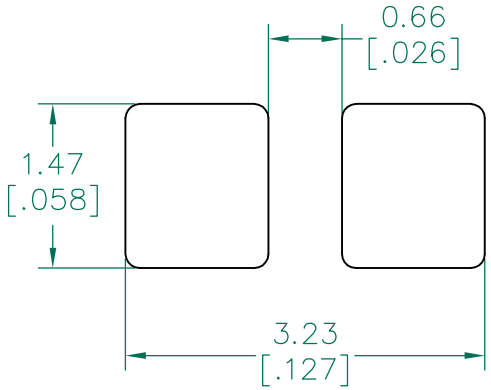



### |Z| , R, AND X vs. FREQUENCY



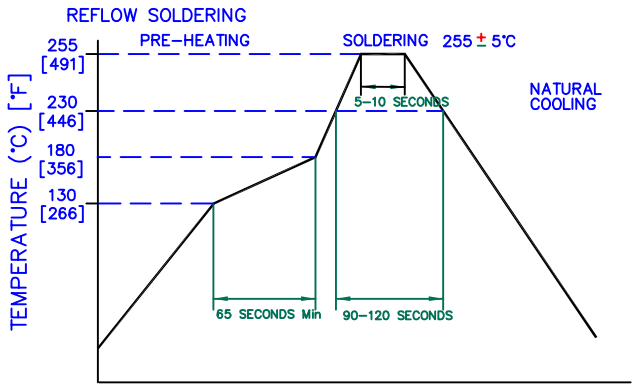

AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3228

### LAND PATTERNS FOR REFLOW SOLDERING




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

### RECOMMENDED SOLDERING CONDITIONS




RoHS 2002/95/EC

| REV | DESCRIPTION | DATE | INT |
|---|---|---|---|
| | DIMENSIONS ARE IN mm [INCHES]. | | |
| E | ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU |
| D | CHANGE SOLDERING TEMPERATURE | 08/23/10 | JUN |
| C | CHANGE TO PAPER TAPE | 03/03/10 | JUN |
| B | UPDATE COMPANY LOGO ADD ROHS | 03/21/08 | JRK |
| A | ORIGINAL DRAFT | 03/01/04 | JRK |



Laird

| PROJECT/PART NUMBER: | REV | PART TYPE: | DRAWN BY: |
|---|---|---|---|
| HZ0805E601R−10 | E | CO−FIRE | JRK |

| DATE: | SCALE: | SHEET: |
|---|---|---|
| 03/01/04 | NTS | 2 of 2 |

CAD # HZ0805E601R−10−E TOOL # −