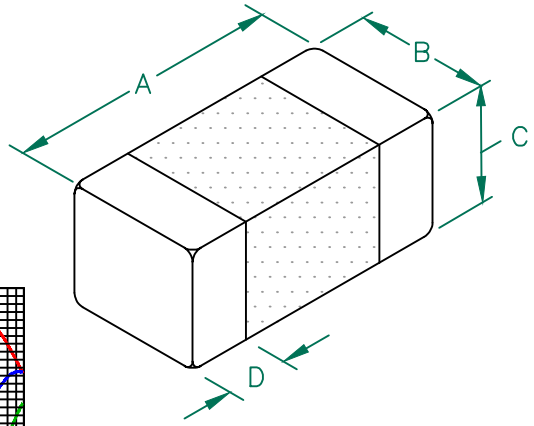
# MI0603M121R-10

## PHYSICAL DIMENSIONS:

| | | | | |
|---|---|---|---|---|
| A | 1.60 [.063] | ± | 0.15 | [.006] |
| B | 0.80 [.031] | ± | 0.15 | [.006] |
| C | 0.80 [.031] | ± | 0.15 | [.006] |
| D | 0.36 [.014] | ± | 0.15 | [.006] |

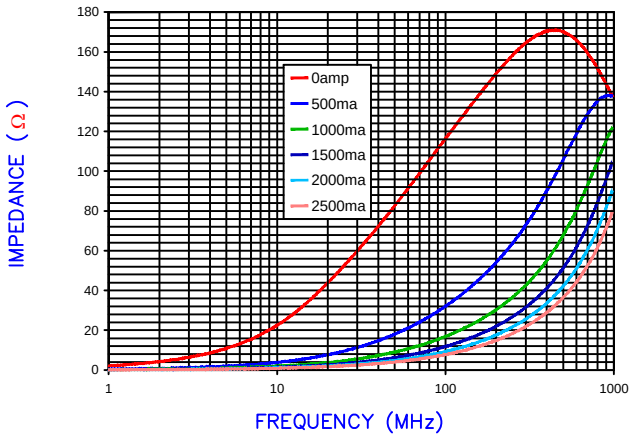



| ELECTRICAL CHARACTERISTICS: | | | |
|---|---|---|---|
| Z @ 100MHz ( Ω ) | | DCR ( Ω ) | Rated Current |
| Nominal | 120 | | |
| Minimum | 90 | | |
| Maximum | 150 | 0.05 | 2500 mA |

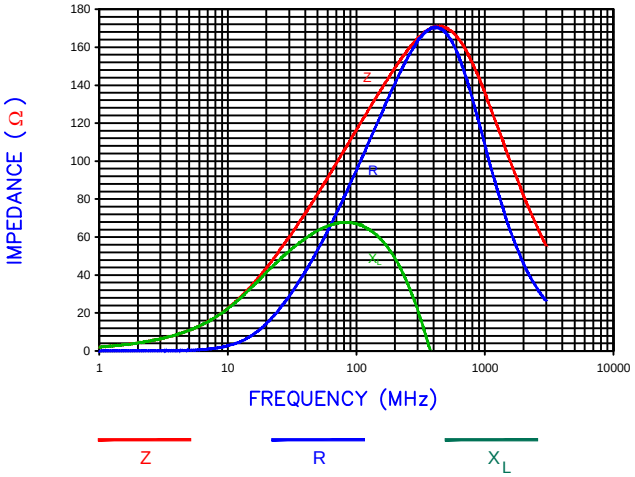
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATION TEMPERATURE TEMP: −55℃~+125℃. (INCLUDING SELF−HEATING)
5. COSMETIC SPECIFICATION REFER TO WI−QA−124.

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



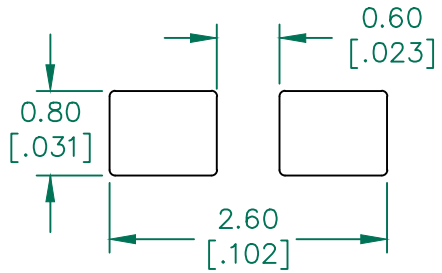

|Z| , R, AND X vs. FREQUENCY




Z R $X_L$

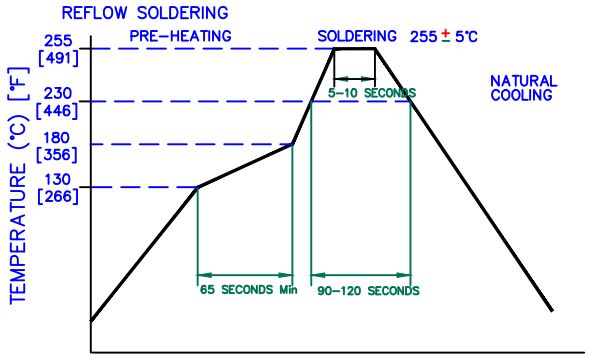
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3227

LAND PATTERNS FOR REFLOW SOLDERING




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

RECOMMENDED SOLDERING CONDITIONS




RoHS

| DIMENSIONS ARE IN mm [INCHES]. | | | | This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved. | Laird |
|---|---|---|---|---|---|
| D | UPDATED NOTE 4 | 01/12/18 | QIU | PROJECT/PART NUMBER: MI0603M121R−10 | REV: D; PART TYPE: CO−FIRE; DRAWN BY: TMB |
| C | ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU | | |
| B | UPDATE COMPANY LOGO ADD ROHS | 07/25/08 | JRK | DATE: 04/05/04 | SCALE: − |
| A | ORIGINAL DRAFT | 04/05/04 | TMB | CAD #: MI0603M121R−10−D | TOOL #: − |
| REV | DESCRIPTION | DATE | INT | | SHEET: 1 of 1 |

# Unikeyic Electronics

Global Electronic Components Distributor

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## Laird:

28A0392-0A2 28R1141-010 TRA6927M3PBN-001 A15754-04 HI1206N680R-10 MGV201610R68M-10 TYS30126R8M-10 CMX1211Z601B-10 28A1507-0A2 28A2005-0A2 CM3440Z171R-10 MI0805M221R-10 0097061102 28B0734-000 HF0402B102R-10 LI0603G221R-10 24296254 28B0500-100 DA1206D301R-10 DM3312X101R-10 HI0805O121R-10 LI0603B201R-10 CC1812C513R-10 0097064502 MI1210K600R-10 MP1040-100 NS1050HA 29220104 CMX1211Z680B-10 LFB095051-000