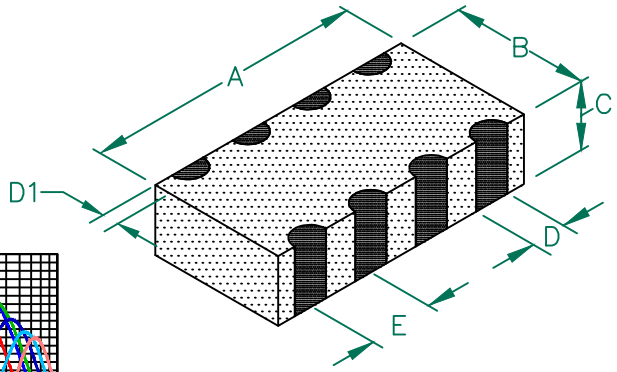
# DA1206D301R-10

## PHYSICAL DIMENSIONS:

| | | |
|---|---|---|
| A | 3.20 [.126] | ± 0.20 [.008] |
| B | 1.60 [.063] | ± 0.20 [.008] |
| C | 0.80 [.031] | ± 0.20 [.008] |
| D | 0.40 [.016] | ± 0.15 [.006] |
| D1 | 0.30 [.012] | ± 0.20 [.008] |
| E | 0.80 [.031] | ± 0.10 [.004] |



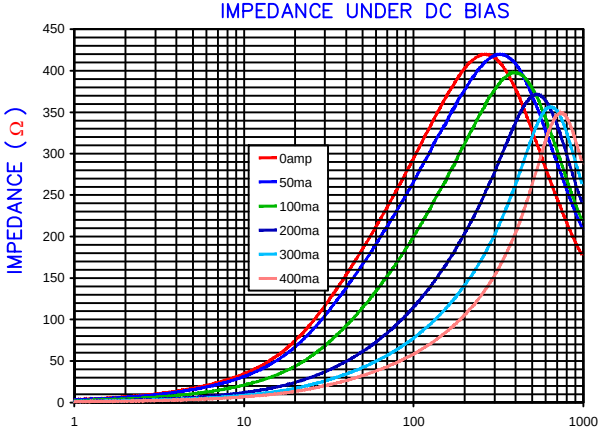

## ELECTRICAL CHARACTERISTICS:

| Z @ 100MHz (Ω) | | DCR (Ω) | Rated Current |
|---|---|---|---|
| Nominal | 300 | | |
| Minimum | 225 | | |
| Maximum | 375 | 0.4 | 400 mA |
| LINE TO LINE INSULATION RESISTANCE >10MΩ AT 12 VOLTS. | | | |

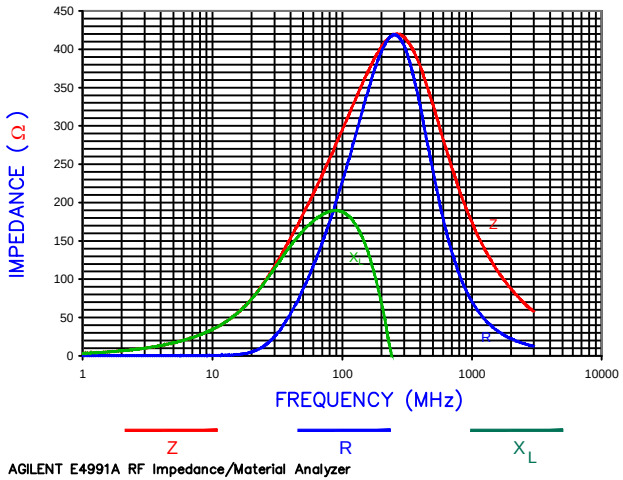
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMPERATURE TEMP: −40°C~+125°C (INCLUDING SELF−HEATING)
5. COSMETIC SPECIFICATION REFER TO WI−QA−124.

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS

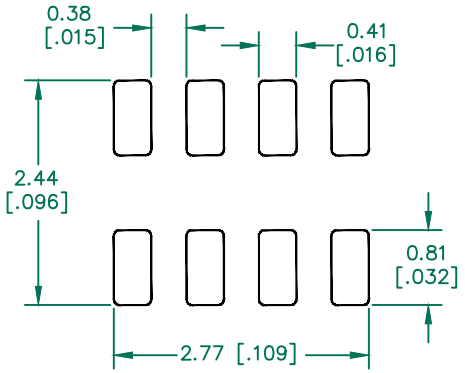



Z , R, AND X vs. FREQUENCY




AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3236

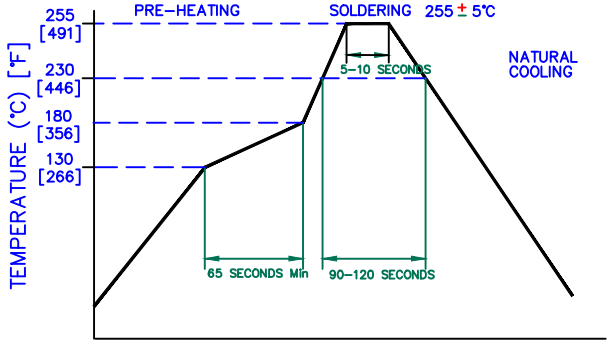
LAND PATTERNS FOR REFLOW SOLDERING




(For wave soldering, add 0.762 (0.030) to this dimension)

RECOMMENDED SOLDERING CONDITIONS

REFLOW SOLDERING




RoHS

| REV | DESCRIPTION | DATE | INT |
|---|---|---|---|
| E | OPERATING TEMPERATURE UPDATE LAIRD LOGO | 08/05/13 | QU |
| D | UPDATE INSULATION RESISTANCE AND REFLOW | 05/06/13 | QU |
| C | UPDATE COMPANY LOGO | 05/21/09 | JRK |
| B | D1 chgd from 0.008 ±0.004 to 0.012 ±0.008. ADD ROHS, UPDATE COMPANY LOGO | 10/31/07 | JRK |
| A | ORIGINAL DRAFT | 03/30/04 | TMB |

DIMENSIONS ARE IN mm [INCHES].



Laird

| | | | | | |
|---|---|---|---|---|---|
| PROJECT/PART NUMBER: DA1206D301R−10 | REV: E | PART TYPE: CO−FIRE | DRAWN BY: TMB | | |
| DATE: 03/30/04 | SCALE: NTS | SHEET: 1 of 1 | | | |
| CAD #: DA1206D301R−10−E | TOOL #: − | | | | |

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