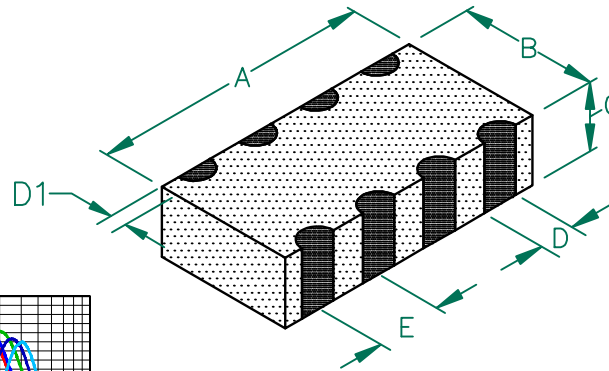


# DA1206B601R-10

**UNCONTROLLED DOCUMENT**

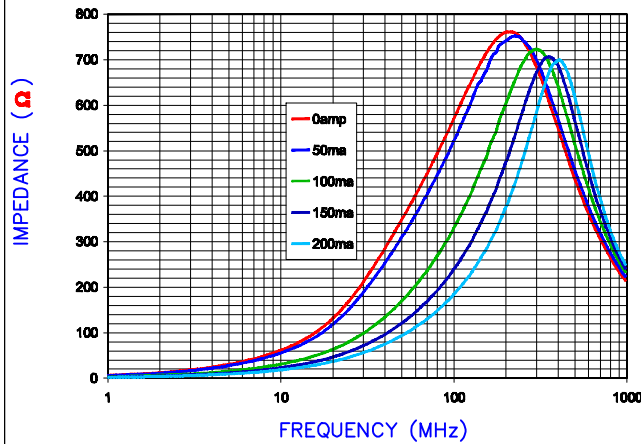
PHYSICAL DIMENSIONS:

|    |             |               |
|----|-------------|---------------|
| 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] |

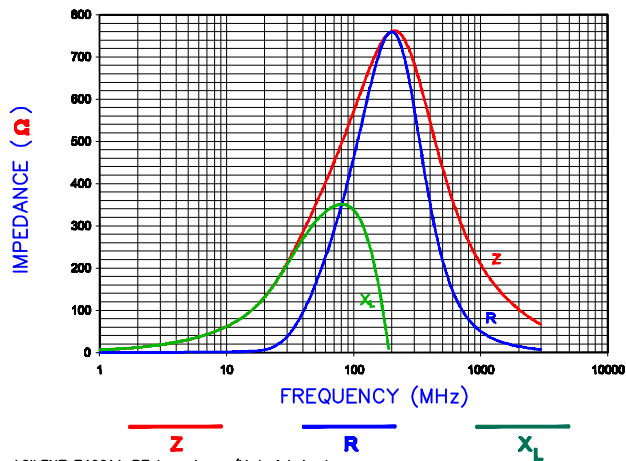


| ELECTRICAL CHARACTERISTICS:        |            |               |
|------------------------------------|------------|---------------|
| Z @ 100MHz<br>(Ω)                  | DCR<br>(Ω) | Rated Current |
| Nominal                            | 600        |               |
| Minimum                            | 450        |               |
| Maximum                            | 750        | 0.35          |
| LINE TO LINE INSULATION RESISTANCE |            | 200 mA        |
| >100 MΩ AT 75 VOLTS.               |            |               |

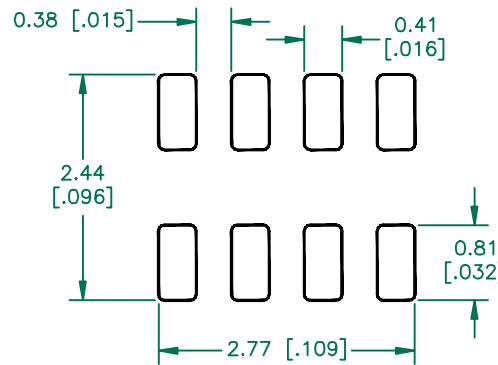
Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



|Z|, R, AND X vs. FREQUENCY

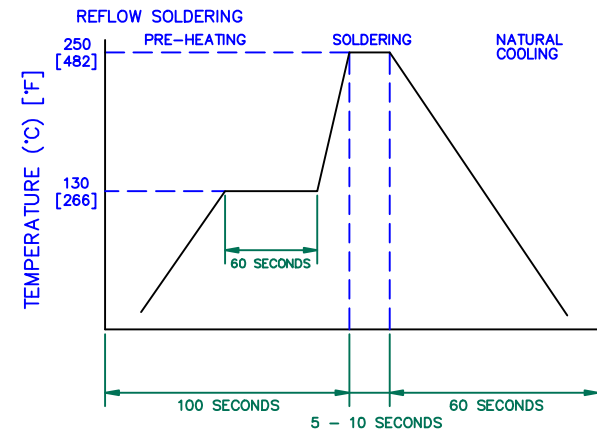


LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



|  |  |  |  |  |            |           |       |
|--|--|--|--|--|------------|-----------|-------|
| DIMENSIONS ARE IN mm [INCHES].   |  |  |  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY AND CONFIDENTIAL TO STEWARD. NO PRODUCTION OR PUBLICATION OF THIS DOCUMENT IN WHOLE OR IN PART SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION FROM STEWARD. |            |           |       |
|  |  |  |  | <b>Steward</b> <small>and Laird</small>  |            |           |       |
| PROJECT/PART NUMBER:   |  |  |  | REV  | PART TYPE: | DRAWN BY: |       |
| C D1 dim chgd from 0.008 ±0.004 to 0.012 ± 0.008. UPDATE COMPANY LOGO 10/30/07 JRK |  |  |  | DA1206B601R-10   | C          | CO-FIRE   | TMB   |
| B CHANGE DCR, MODIFY NOTE 1 ADD ROHS 11/30/06 JRK                                  |  |  |  | DATE:  | SCALE:     | SHEET:    |       |
| A ORIGINAL DRAFT 03/30/04 TMB  |  |  |  | 03/30/04   | NTS        |           |       |
| REV  |  |  |  | DESCRIPTION  | DATE       | INT       | CAD # |
|  |  |  |  | DA1206B601R-10-C   | TOOL #     | -         |       |
|  |  |  |  |  |            | 2 of 2    |       |