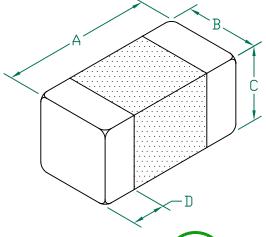
PHYSICAL DIMENSIONS:

HZ0603C601R-10

UNCONTROLLED DOCUMENT

A 1.60 [.063] ± 0.15 [.006] B 0.80 [.031] ± 0.15 [.006]

D 0.36 [.014] ± 0.15 [.006]





LAND PATTERNS FOR REFLOW SOLDERING

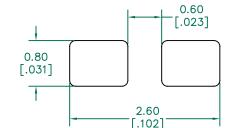
| ELECTRICAL CHARACTERISTICS: | | | | | |
|-----------------------------|-----|--|------------------|--|--|
| Z @ 100MHz (<u>Ω</u>) | | DCR $\left(\begin{array}{c}\Omega\end{array}\right)$ | Rated Current | | |
| Nominal | 600 | | | | |
| Minimum | 450 | | | | |
| Maximum | 750 | 0.45 | 300 mA | | |

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.

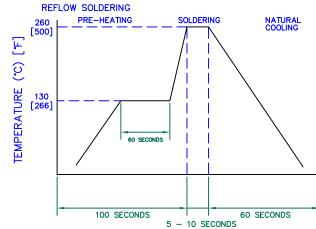
Z vs FREQUENCY IMPEDANCE UNDER DC BIAS

FREQUENCY (MHz)



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

RECOMMENDED SOLDERING CONDITIONS



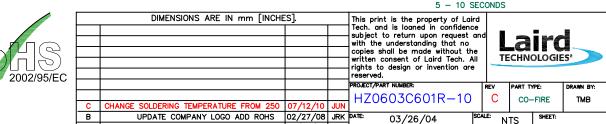
HZ0603C601R-10-C

2 of 2

| | | | Z , R, AND X vs. FREQUENCY | | |
|-----------------|-------|--|-----------------------------|----------------|--|
| | 900 E | | | | |
| | 800 | | | \blacksquare | |
| (O) | 700 | | | | |
| | 600 | | | \blacksquare | |
| 岁 | 500 | | | | |
| IMPEDANCE (Ω | 400 | | | \blacksquare | |
| | 300 | | | | |
| | 200 | | | | |
| | 100 | | | \blacksquare | |
| | , | | | | |
| | 1 | | 10 100 1000 | 10000 | |
| FREQUENCY (MHz) | | | | | |
| | | | | | |
| | | | 7 P Y | | |

AGILENT E4991A RF Impedance/Material Analyzer

HP 16194A Test Fixture. TEST REF. 3228



ORIGINAL DRAFT

DESCRIPTION

03/26/04 TMB CAD #