

PHYSICAL DIMENSIONS:

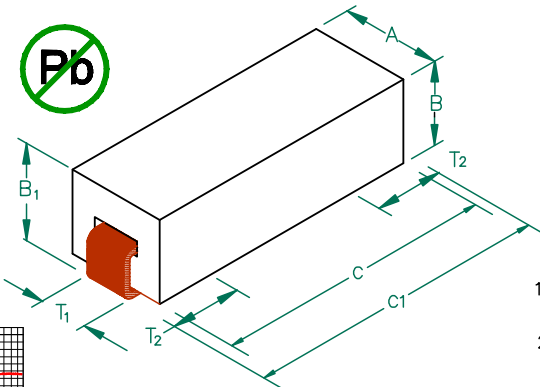
| | | |
|----------------|-------------|---------------|
| A | 3.05 [.120] | ± 0.08 [.003] |
| B | 2.54 [.100] | ± 0.08 [.003] |
| B ₁ | 3.05 [.120] | ± MAX |
| C | 8.51 [.335] | ± 0.23 [.009] |
| C ₁ | 9.53 [.375] | ± MAX |

WIRE DIMENSIONS:

| | | |
|----------------|-------------|---------------|
| T ₁ | 1.27 [.050] | ± 0.05 [.002] |
| T ₂ | 1.52 [.060] | ± 0.51 [.020] |

28F0121-1SR-10

UNCONTROLLED DOCUMENT

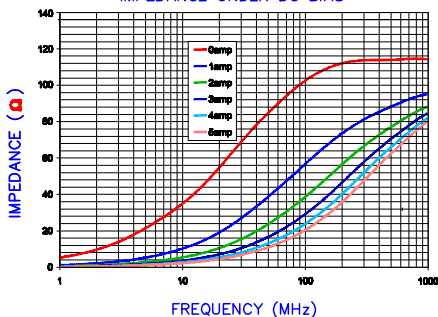


| ELECTRICAL CHARACTERISTICS: | | |
|-----------------------------|------------|---------------|
| Z @ 100MHz (Ω) | DCR (Ω) | Rated Current |
| Nominal | 96 | |
| Minimum | 72 | |
| Maximum | 120 | 10,000 mA |

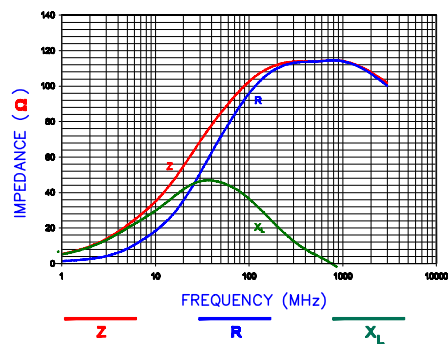
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART121-13.

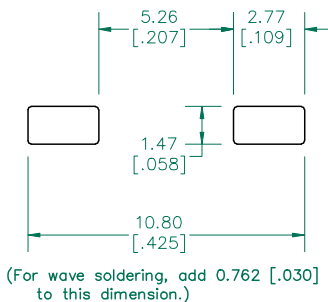
Z vs. FREQUENCY
IMPEDANCE UNDER DC BIAS



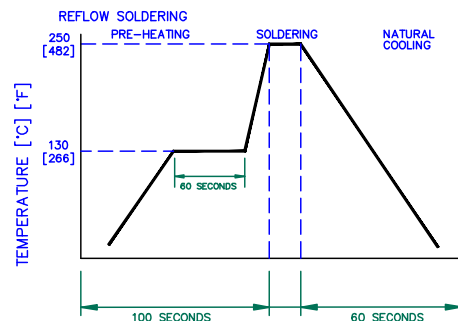
[Z], R, AND X vs. FREQUENCY



LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm (INCHES).

| | | | | | | |
|-----|------------------------------------|----------|-----|---|---|---|
| F | UPDATE COMPANY LOGO | 10/24/08 | JRK | 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. | PROJECT/PART NUMBER: 28F0121-1SR-10 | REV: F PART TYPE: ASSEMBLY DRAWN BY: JRK |
| E | UPDATE LANDPATTERN ADD ROHS SYMBOL | 08/09/07 | JRK | | | |
| D | UPDATE COMPANY LOGO | 04/19/07 | JRK | | | |
| C | ADD KGS TO WGT&LBS TO PART WGT | 09/13/05 | JRK | | | |
| B | CHANGE RATED CURRENT FROM 5000ma | 02/17/04 | JRK | | | |
| A | ORIGINAL DRAFT | 10/06/03 | JRK | DATE: 10/06/03 | SCALE: NTS | SHEET: 2 of 3 |
| REV | DESCRIPTION | DATE | INT | CAD # | 28F0121-1SR-10-F | TOOL # - |



AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3609