



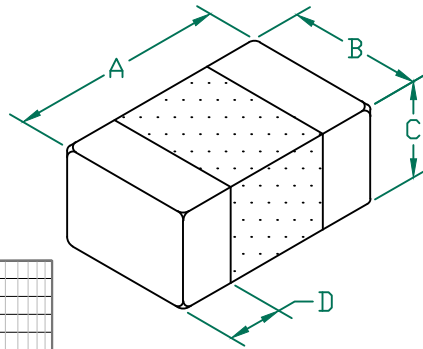
**THE DATASHEET OF
HI0805O121R-10**



HI0805O121R-10

PHYSICAL DIMENSIONS:

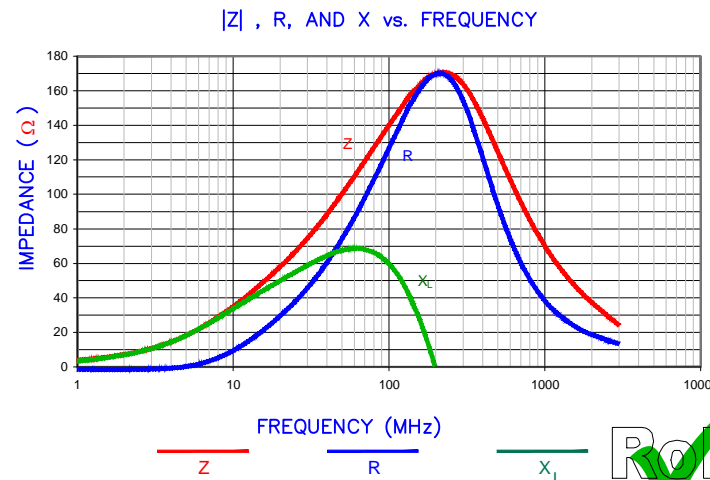
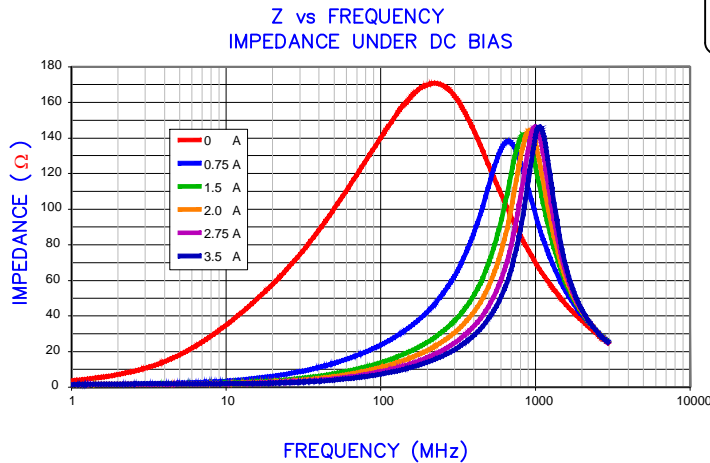
| | | |
|---|-------------|---------------|
| A | 2.00 [.079] | + 0.20 [.008] |
| B | 1.25 [.049] | + 0.20 [.008] |
| C | 0.90 [.035] | + 0.20 [.008] |
| D | 0.51 [.020] | + 0.25 [.010] |



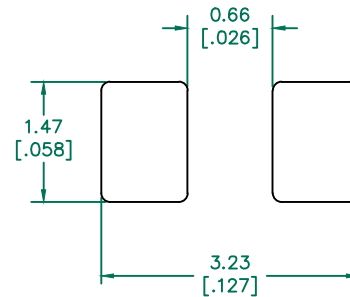
| ELECTRICAL CHARACTERISTICS: | | |
|-----------------------------|------------|---------------|
| Z @ 100MHz (Ω) | DCR (Ω) | Rated Current |
| Nominal | 120 | |
| Minimum | 90 | |
| Maximum | 150 | 3500 mA |

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPER.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMPERATURE TEMP: -40°C~+125°C (INCLUDING SELF-HEATING)

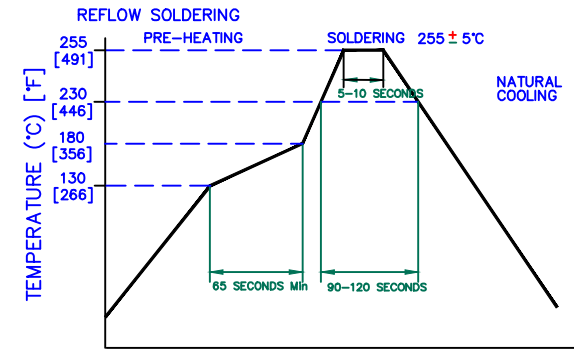


LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763 [.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS





AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture REF. 5522



| 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. | |
|--------------------------------|---|----------|-----|---|---|
| F | OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU | PROJECT/PART NUMBER: HI08050121R-10 | REV F PART TYPE: CO-FIRE DRAWN BY: JRK |
| E | CHANGE TO PAPER TAPE | 03/04/10 | JUN | | |
| D | UPDATE COMPANY LOGO & ROHS SYMBOL | 06/01/09 | JRK | DATE: 08/23/04 SCALE: NTS SHEET: 1 of 1 | |
| C | UPDATE COMPANY LOGO | 01/16/08 | JRK | | |
| B | UPDATE CURVES | 03/29/06 | JRK | CAD # HI08050121R-10-F TOOL # | |
| A | ORIGINAL DRAFT | 08/23/04 | JRK | | |
| REV | DESCRIPTION | DATE | INT | | |

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View HI0805O121R-10 on WIN SOURCE](#)
-  [Laird-Signal Integrity Products Information](#)

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