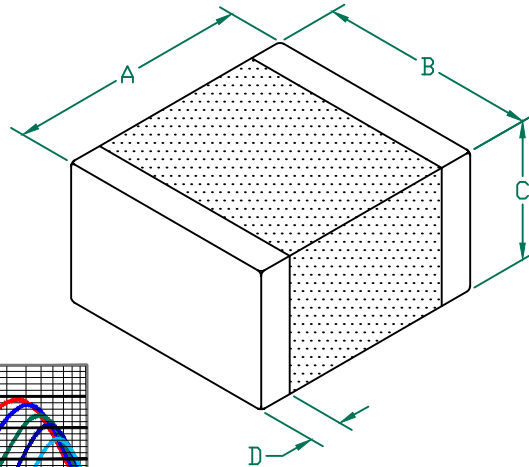


# HI2220P271R-10

## PHYSICAL DIMENSIONS:

|   |             |               |
|---|-------------|---------------|
| A | 5.59 [.220] | + 0.51 [.020] |
| B | 5.08 [.200] | + 0.25 [.010] |
| C | 3.20 [.126] | + 0.25 [.010] |
| D | 0.76 [.030] | + 0.25 [.010] |

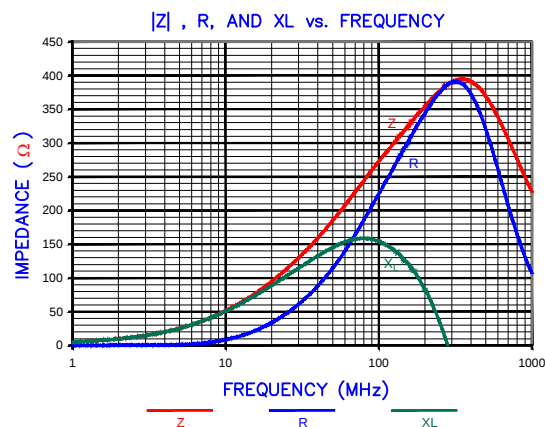
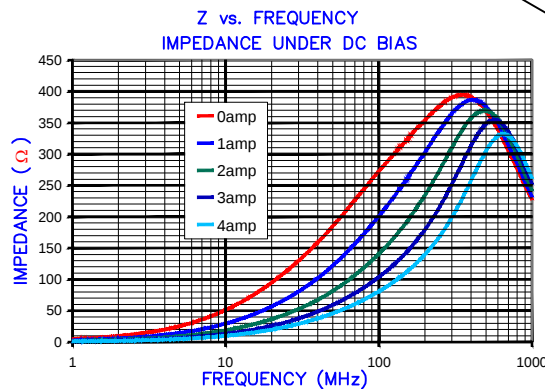


## ELECTRICAL CHARACTERISTICS:

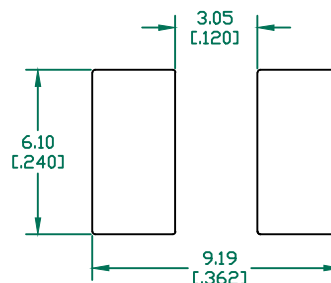
| Z @ 100MHz<br>( $\Omega$ ) | DCR<br>( $\Omega$ ) | Rated<br>Current |
|----------------------------|---------------------|------------------|
| Nominal                    | 270                 |                  |
| Minimum                    | 203                 |                  |
| Maximum                    | 337                 | 4000 mA          |

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2,000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMPERATURE TEMP:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$  (INCLUDING SELF-HEATING)

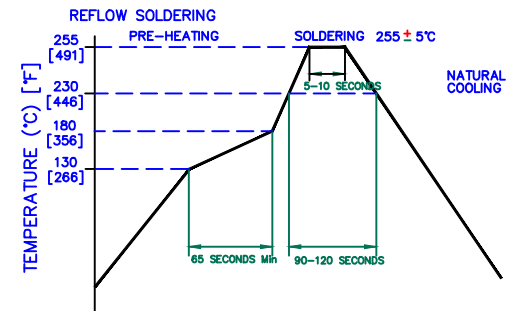


## LAND PATTERNS FOR REFLOW SOLDERING



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

## RECOMMENDED SOLDERING CONDITIONS



RoHS

|                                |                                                                 |          |     |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |
|--------------------------------|-----------------------------------------------------------------|----------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-----------------------|------------------|--|--|
| DIMENSIONS ARE IN mm [INCHES]. |                                                                 |          |     | <div>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.</div> <div></div> |               |                  |                       |                  |  |  |
|                                |                                                                 |          |     |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |
|                                |                                                                 |          |     |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |
|                                |                                                                 |          |     |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |
|                                |                                                                 |          |     |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |
|                                |                                                                 |          |     |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |
| C                              | ADD OPERATING TEMPERATURE<br>UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU  | PROJECT/PART NUMBER:<br>H12220P271R-10                                                                                                                                                                                                                                                                                                                              |               | REV<br>C         | PART TYPE:<br>CO-FIRE | DRAWN BY:<br>TMB |  |  |
| B                              | UPDATE COMPANY LOGO ADD ROHS                                    | 01/23/08 | JRK | DATE:<br>04/03/04                                                                                                                                                                                                                                                                                                                                                   | SCALE:<br>NTS | SHEET:<br>1 of 1 |                       |                  |  |  |
| A                              | ORIGINAL DRAFT                                                  | 04/03/04 | TMB | CAD #<br>H12220P271R-10-C                                                                                                                                                                                                                                                                                                                                           | TOOL #<br>-   |                  |                       |                  |  |  |
| REV                            | DESCRIPTION                                                     | DATE     | INT |                                                                                                                                                                                                                                                                                                                                                                     |               |                  |                       |                  |  |  |

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