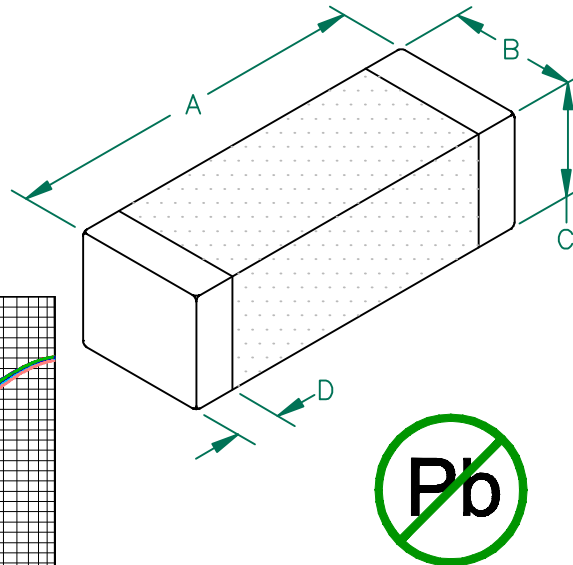


# LI1806E800R-10

**UNCONTROLLED  
DOCUMENT**

## PHYSICAL DIMENSIONS:

|   |             |               |
|---|-------------|---------------|
| A | 4.50 [.177] | + 0.25 [.010] |
| B | 1.60 [.063] | + 0.25 [.010] |
| C | 1.60 [.063] | + 0.25 [.010] |
| D | 0.51 [.020] | + 0.25 [.010] |

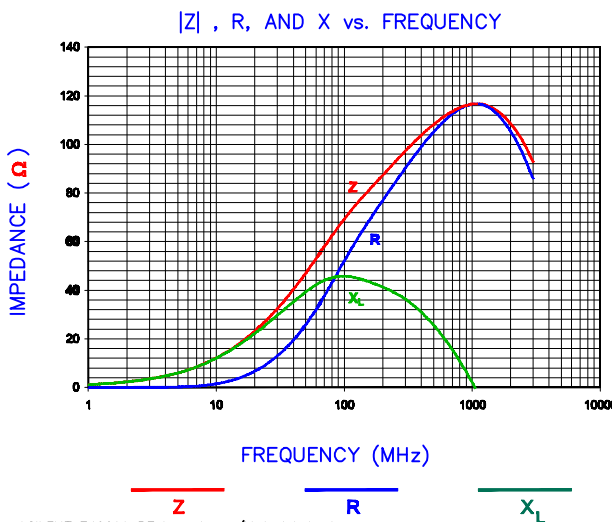
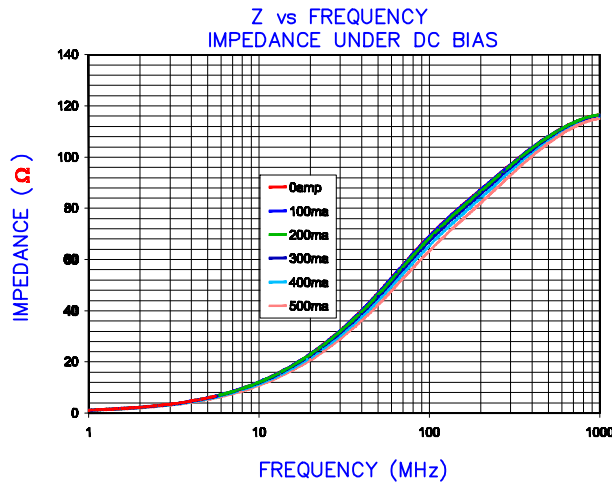


## ELECTRICAL CHARACTERISTICS:

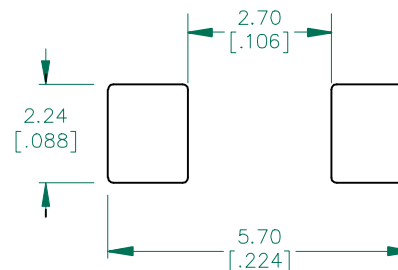
| Z @ 100MHz<br>( $\Omega$ ) | DCR<br>( $\Omega$ ) | Rated<br>Current |
|----------------------------|---------------------|------------------|
| Nominal                    | 80                  |                  |
| Minimum                    | 60                  |                  |
| Maximum                    | 100                 | 0.30             |
|                            |                     | 500 mA           |

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 2,000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.

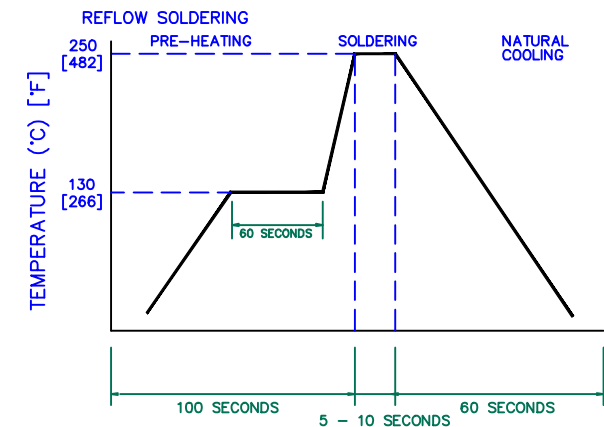


## LAND PATTERNS FOR REFLOW SOLDERING



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

## RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

|                                                                                                                                                                                                                                                         |                                                                    |          |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------|------------|
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| <b>Laird TECHNOLOGIES</b>                                                                                                                                                                                                                               |                                                                    |          |            |
| E                                                                                                                                                                                                                                                       | CHANGE REEL QTY FROM 3K TO 2K                                      | 11/05/08 | JRK        |
| D                                                                                                                                                                                                                                                       | UPDATE COMPANY LOGO                                                | 07/24/08 | JRK        |
| C                                                                                                                                                                                                                                                       | CORRECT REF # FROM 3289 TO 3298                                    | 07/22/05 | JRK        |
| B                                                                                                                                                                                                                                                       | CORRECT LANDPATTERN DIM AND TEMP IN REFLOW SOLDERING, ADD DC CURVE | 04/14/03 | JRK        |
| A                                                                                                                                                                                                                                                       | ORIGINAL DRAFT                                                     | 08/07/02 | JRK        |
| REV                                                                                                                                                                                                                                                     | DESCRIPTION                                                        | DATE     | INT        |
| PROJECT/PART NUMBER:                                                                                                                                                                                                                                    |                                                                    | REV      | PART TYPE: |
| LI1806E800R-10                                                                                                                                                                                                                                          |                                                                    | E        | CO-FIRE    |
| DATE:                                                                                                                                                                                                                                                   |                                                                    | SCALE:   | DRN BY:    |
| 08/07/02                                                                                                                                                                                                                                                |                                                                    | NTS      | JRK        |
| CAD #                                                                                                                                                                                                                                                   |                                                                    | TOOL #   |            |
| LI1806E800R-10-E                                                                                                                                                                                                                                        |                                                                    | -        |            |
|                                                                                                                                                                                                                                                         |                                                                    |          | 2 of 2     |

**RoHS**  
2002/95/EC