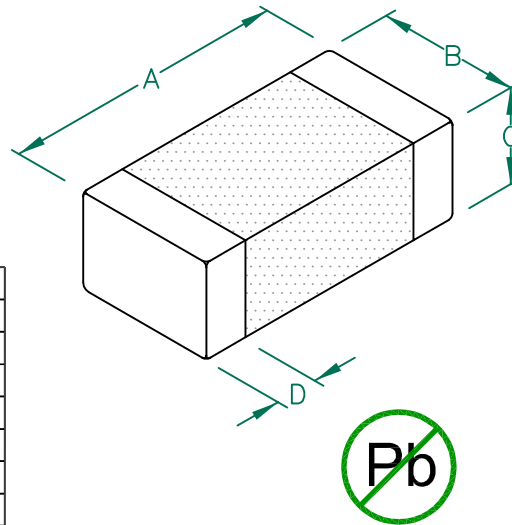


# MI1206L391R-10

**UNCONTROLLED  
DOCUMENT**

## PHYSICAL DIMENSIONS:

|   |             |                   |
|---|-------------|-------------------|
| A | 3.20 [.126] | $\pm$ 0.20 [.008] |
| B | 1.60 [.063] | $\pm$ 0.20 [.008] |
| C | 1.10 [.043] | $\pm$ 0.20 [.008] |
| D | 0.51 [.020] | $\pm$ 0.25 [.010] |

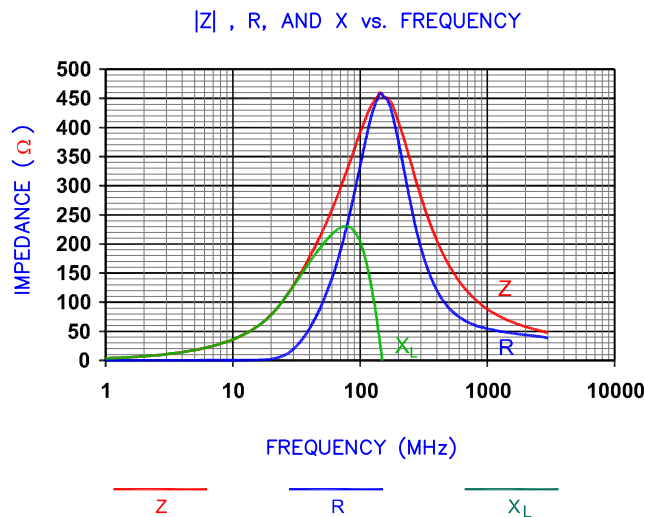
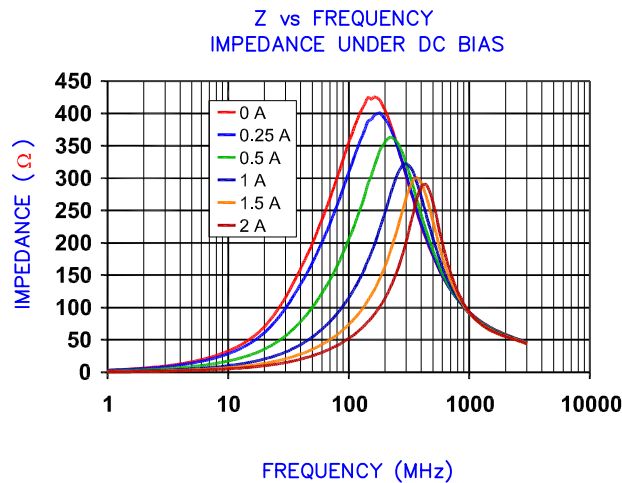


## ELECTRICAL CHARACTERISTICS:

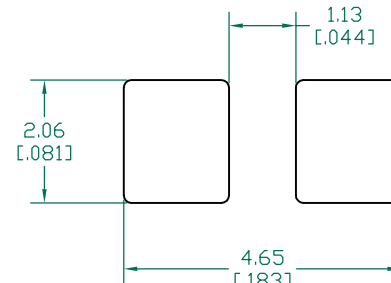
| Z @ 100MHz<br>( $\Omega$ ) | DCR<br>( $\Omega$ ) | Rated<br>Current |
|----------------------------|---------------------|------------------|
| Nominal                    | 390                 |                  |
| Minimum                    | 293                 |                  |
| Maximum                    | 488                 | 0.050 2000 mA    |

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000PCS/REEL, EMBOSSED PLASTIC TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATION TEMPERATURE:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$  (INCLUDING SELF-HEATING)

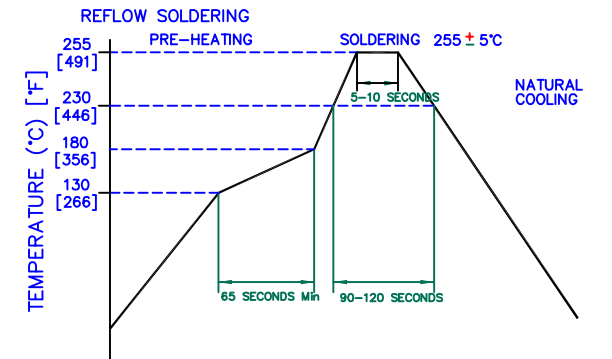


## LAND PATTERNS FOR REFLOW SOLDERING



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

## RECOMMENDED SOLDERING CONDITIONS



| 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. |  |  |  |
|--------------------------------|------------------------------------------------------------|----------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| E                              | UPDATE LAIRD LOGO AND NOTES 4                              | 08/05/13 | QU  | <div>PROJECT/PART NUMBER:</div> <div>MI1206L391R-10</div> <div>REV: E</div> <div>PART TYPE: CO-FIRE</div> <div>DRAWN BY: JRK</div> <div>DATE: 08/05/11</div> <div>SCALE: NTS</div> <div>SHEET: 2 of 2</div>                                             |  |  |  |
| D                              | UPDATE SOLDERING CONDITIONS, AND ADD OPERATION TEMPERATURE | 08/05/11 | WEI |                                                                                                                                                                                                                                                         |  |  |  |
| C                              | UPDATE COMPANY LOGO                                        | 08/25/08 | JRK |                                                                                                                                                                                                                                                         |  |  |  |
| B                              | ADD DC BIAS AND Z R X CURVES                               | 11/10/06 | TMB |                                                                                                                                                                                                                                                         |  |  |  |
| A                              | ORIGINAL DRAFT                                             | 11/07/06 | JRK |                                                                                                                                                                                                                                                         |  |  |  |
| REV                            | DESCRIPTION                                                | DATE     | INT | <div>CAD # MI1206L391R-10-E</div> <div>TOOL # -</div>                                                                                                                                                                                                   |  |  |  |

**RoHS**  
2002/95/EC