IC0603A103R-10

PHYSICAL DIMENSIONS:

A 1.80 [.071] ± 0.15[.006]

B 0.80 [.031] ± 0.15[.006]

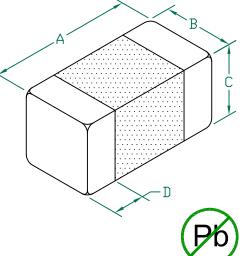
C 0.80 [.031] ± 0.15[.006]

D 0.30 [.012] ± 0.20[.008]

ELECTRICAL CHARACTERISTICS:

| | 11,000 | Max | | | |
|-----------------------------|--------|--------------|--|--|--|
| L (nH) ± 10% | 10,000 | Nom | | | |
| | 9,000 | Min@ 15mA | | | |
| Q (Min) | 30 | | | | |
| Freq. (MHz) | 2 | | | | |
| Self-Resonant Freq (MHz) | 17 | | | | |
| DCR(Max) Ω | 2. | 2.55 | | | |
| l (Max) | 100mA | | | | |
| I (Operating) | 15mA | | | | |

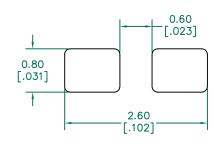
UNCONTROLLED



NOTES: UNLESS OTHERWISE SPECIFIED

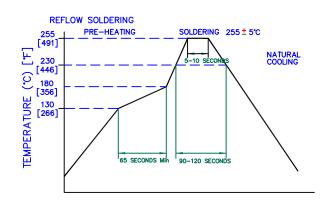
- 1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
- 2. TERMINATION FINISH IS 100% MATTE Sn OVER Ni.
- 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 4. I (MAX.) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MAXIMUM TEMPERATURE RISE OF 40°C OVER AMBIENT.
- 5. I (OPERATING) IS BASED ON THE MAXIMUM SUSTAINED CURRENT APPLIED WHILE MAINTAINING A MINIMUM INDUCTANCE (L).
- 6. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS





| _ | | | | | | | | | | |
|---|--------------------------------|--------------------------------------------------------------|----------|-----|--------------------------------------------------------------------------|------|---------|---------|--------|--------------|
| Г | DIMENSIONS ARE IN mm [INCHES]. | | | | This print is the property of Laird Tech. and is loaned in confidence | | | | | |
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| Г | | | | | copies shall be made without the | Lanu | | | | |
| Г | | | | | written consent of Laird Tech. A | | | | | |
| | | | | | rights to design or invention are reserved. | ; | | | | |
| | D | ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU | PROJECT/PART NUMBER: | Т | _ | PART TY | PE: | DRAWN BY: |
| H | | OF DATE LARRY LOOK AND REFEOR CORVE | | | IC0603A103R-10 | | D | CO- | -FIRE | JRK |
| L | С | UPDATE COMPANY LOGO | 03/25/08 | | | | | | | |
| | В | CHANGE DIMENSION A FROM 1.60 | 03/14/07 | JRK | DATE: 12/27/06 | SCA | LE: NTS | | SHEET: | |
| Γ | Α | ORIGINAL DRAFT | 12/27/06 | JRK | CAD # | TOO | | | | |
| | REV | DESCRIPTION | DATE | INT | "IC0603A103R-10-D | | • | - | 2 | of 2 |