

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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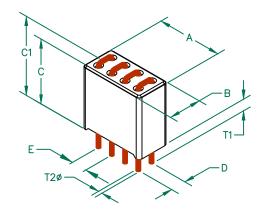


## UNCONTROLLED DOCUMENT

# 29F0429-0T0-10

### PHYSICAL DIMENSIONS:

| Α  | 10.88 [.428] | ± 0.15 [.006] |
|----|--------------|---------------|
| В  | 5.49 [.216]  | ± 0.08 [.003] |
| С  | 10.44 [.411] | ± 0.25 [.010] |
| C1 | 11.43 [.450] | ± MAX         |
| D  | 2.54 [.100]  | ± 0.13 [.005] |
| Ε  | 2.54 [.100]  | ± 0.13 [.005] |



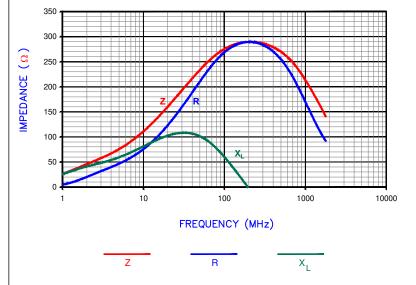
T1 3.17 [.125] <sup>±</sup> TYP.
T2 0.64 [.025] <sup>±</sup> REF.

| ELECT           | TRICAL CHARACTERISTICS: |                  |                  |  |  |
|-----------------|-------------------------|------------------|------------------|--|--|
| Z @ 100M<br>(Ω) | 1Hz                     | DCR ( $\Omega$ ) | Rated<br>Current |  |  |
| Nominal         | 285                     |                  |                  |  |  |
| Minimum         | 214                     |                  |                  |  |  |
| Maximum         | 356                     | 0.01             | 8,000 mA         |  |  |

NOTES: UNLESS OTHERWISE SPECIFIED

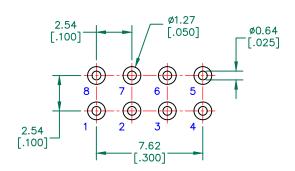
- 1. BULK PACKED 1260 per CASE.
- 2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 3. TERMINATION FINISH IS 100% TIN.
- 6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING):  $-40 \sim +125^{\circ}$ C.

#### |Z| , R, AND X vs. FREQUENCY



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





HOLE PATTERN FOR THRU-HOLE INSERTION

| DIMENSIONS ARE IN mm [INCHES]. |     |                                 |          | This print is the property of Laird |  |   |             |        |           |  |
|--------------------------------|-----|---------------------------------|----------|-------------------------------------|--|---|-------------|--------|-----------|--|
|                                |     |                                 |          |                                     | Tech, and is loaned in confidence<br>subject to return upon request an | ╣╘╸ <del>╶╸</del> ┋╶╌ <i>┸</i> ड <sup>┉</sup> │ |             |        |           |  |
|                                |     |                                 |          |                                     | with the understanding that no   |   | Laird       |        |           |  |
|                                |     |                                 |          |                                     | copies shall be made without the written consent of Laird Tech. All    |   |             |        |           |  |
|                                | Ε   | ADD NOTE 6                      | 08/30/12 |                                     | rights to design or invention are                                      |   |             |        | _         |  |
|                                | D   | UPDATE COMPANY LOGO             | 10/21/08 | JRK                                 | reserved.  |   |             |        |           |  |
|                                | С   | ADD ROHS SYMBOL UPDATE LOGO     | 05/02/07 | JRK                                 | PROJECT/PART NUMBER:   | REV   | PART TO     | -      | DRAWN BY: |  |
|                                | В   | CHG T1 FROM .142, ADD NUMBERING | 06/23/04 | JRK                                 | 29F0429-0T0-10   | E   | ASS         | EMBLY  | ТМВ       |  |
|                                |     | TO HOLE PATTERN, ADD NOTE 3     | ' '      |                                     |  | SCALE:  | NTS         | SHEET: | ,         |  |
|                                | Α   | ORIGINAL DRAFT                  | 02/20/04 | TMB                                 |  | TOOL #  |             | 4      | - ( 0     |  |
|                                | REV | DESCRIPTION                     | DATE     | INT                                 | 29F0429-0T0-10-E-1   |   | TOOL #H0429 |        | of 2      |  |