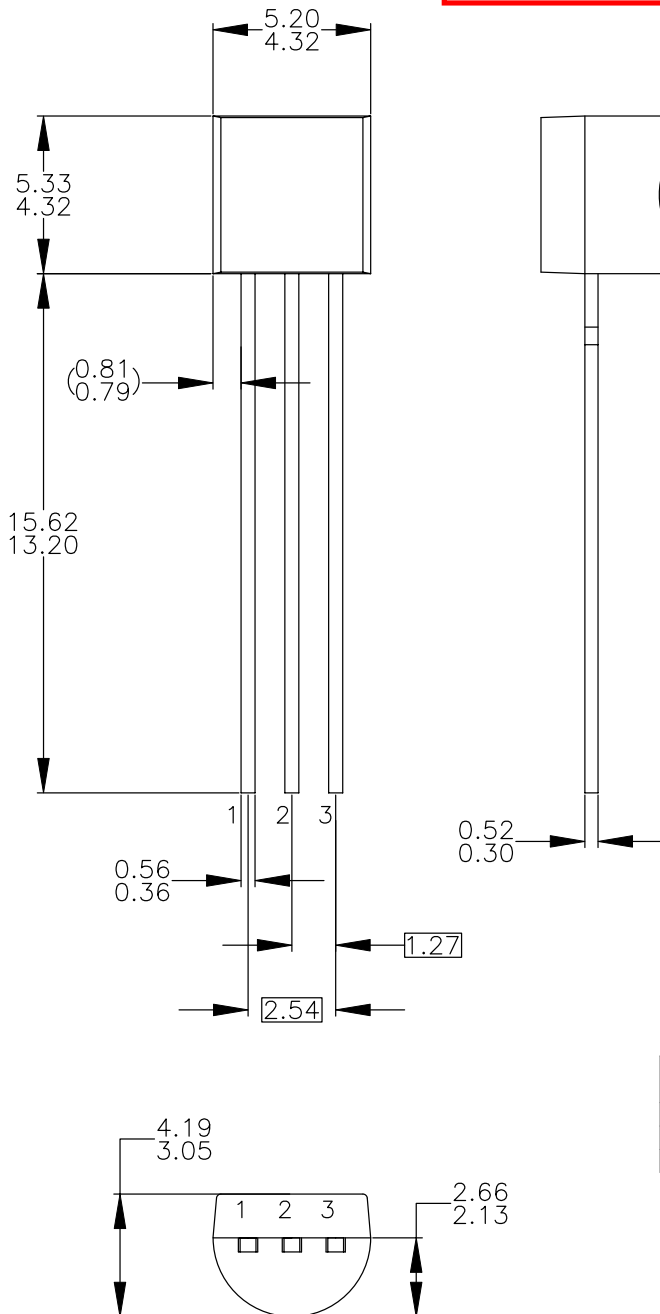


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**APPROVED**  
July-14-2008

# REVISIONS

| NO. | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DATE     | NAME/SITE |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|
| A   | RELEASE TO DOCUMENT CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAR.4'96 | RP        |
| B   | RDRW AS PER STD DWG TEMPLATE. CHG DIM REF FR DUAL DIM INCH(MM) TO SINGLE DIM MM. CHG LD PITCH DIM FR 1.14-1.40 TO 1.27 BSC. ADD DIM 2.54 BSC. CHG PKG WIDTH DIM FR 4.32- 4.70 TO 4.32-4.83; CHG PKG HEIGHT DIM FR 4.32-4.70 TO 4.32-4.78; CHG LD THICK DIM FR 0.30- 0.48 TO 0.30-0.52; DAMBAR-PKG DIM FR 1.27-1.65 TO 0.90-1.65; LD LGH DIM FR 14.47-15.64 TO 14.47-15.62; PKG DIM: 1.02-1.52 TO 0.92-1.52, 3.61-4.45 TO 3.40-4.80; NOTE 2: ADD DMOS "M" OPT'N AND LEGEND; NOTE B PKG 94 JFET OPT'N: CHG D TO S, CHG S TO D. ADD NOTE C: MOVE NOTE B INFO FR PKG 97&98 TO NEW NOTE D. | 4OCT1999 | RCM/MRG   |
| 3   | CHG LD LEN FR 13.81 TO 13.88; CHG MOLD BODY HT FR 4.33 TO 4.35; CHG PKG EDGE TO LD EDGE DIST FR (0.81) TO (0.81); CHG MOLD BODY WIDTH FR 1.33 TO 1.35; ADD PKG THICKNESS DIM "E"; CHG "S" DIM FR 2.11 TO 2.13; REMOVE DAMBAR & EJECTOR PIN LOCATOR FEATURES & DIMENSIONS; REMOVE MOLDED SURFACE & DRAFT ANGLE DIMS; ADD NOTE ON JEDEC REFERENCE; ADD NOTE ON ASME Y14.5M-1994; REMOVE NOTE ON L34Z OPTION; ADD NOTE ON DWG FILENAME.                                                                                                                                                  | 12FEB08  | BMR/FSCP  |



NOTES: UNLESS OTHERWISE SPECIFIED

- DRAWING WITH REFERENCE TO JEDEC TO-92 RECOMMENDATIONS.
- ALL DIMENSIONS ARE IN MILLIMETERS.
- DRAWING CONFORMS TO ASME Y14.5M-1994.
- TO-92 (92,94,96,97,98) PIN CONFIGURATION:

| PIN | 92    | 94    | 96    | 97    | 98    |
|-----|-------|-------|-------|-------|-------|
| 1   | E S S | E S S | B D G | C G D | C G D |
| 2   | B D G | C G D | E S S | B D G | E S S |
| 3   | C G D | B D G | C G D | E S S | B D G |

## LEGEND:

P - BIPOLAR E - EMITTER D - DRAIN  
F - JFET B - BASE S - SOURCE  
M - DMOS C - COLLECTOR G - GATE

- FOR PACKAGE 92, 94, 96, 97 AND 98:  
PIN CONFIGURATION DRAIN "D" AND SOURCE "S"  
ARE INTERCHANGEABLE AT JFET "F" OPTION.
- DRAWING FILENAME: MKT-ZA03DREV3.

|                                 |           |                                                                                                           |                |      |                |     |
|---------------------------------|-----------|-----------------------------------------------------------------------------------------------------------|----------------|------|----------------|-----|
| APPROVALS                       | DATE      | <b>FAIRCHILD</b><br>SEMICONDUCTOR™<br><br><b>3LD, TO-92, MOLDED<br/>STD STRAIGHT LD<br/>(NO EOL CODE)</b> | SCALE          | SIZE | DRAWING NUMBER | REV |
| DESIGN:<br>J.U. COMPARATIVO JR. | 03APR2008 |                                                                                                           | 1:1            | N/A  | MKT-ZA03D      | 3   |
| CHECKED:<br>L. GALERA           |           |                                                                                                           | FORMERLY: N/A  |      |                |     |
| APPROVED:<br>M.R. GESTOLE       |           |                                                                                                           | SHEET : 1 OF 1 |      |                |     |
| G.S. BAJE                       |           |                                                                                                           |                |      |                |     |