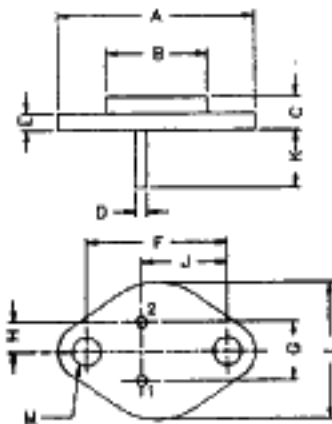
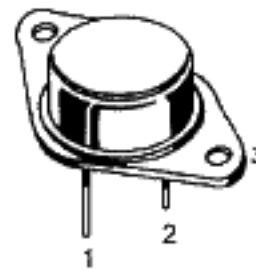


TO-3



| DIM | MIN | MAX |
|-----|-------|-------|
| A | — | 39,37 |
| B | — | 22,22 |
| C | 6,35 | 8,50 |
| D | 0,98 | 1,09 |
| E | — | 1,77 |
| F | 29,90 | 30,4 |
| G | 10,69 | 11,18 |
| H | 5,20 | 5,72 |
| J | 16,64 | 17,15 |
| K | 11,15 | 12,25 |
| L | — | 26,67 |
| M | 3,84 | 4,19 |

ALL DIMENSIONS ARE IN M.M.



PIN CONFIGURATION
 1. BASE
 2. EMITTER
 3. COLLECTOR

TO-3 Power Package Transistors (NPN)

| Type No. | Maximum Ratings | | | | | | Electrical Characteristics (T _a =25°C, Unless Otherwise Specified) | | | | | | | | | | | | | |
|----------|-----------------------------|-----------------------------|-----------------------------|--|--------------------|------------------------------|---|------------------------------|--------------------------|----------------------------|----------------------------|-------------------------|--------------------------|-----------------------------------|---------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|
| | V _{CB0} (V) Min | V _{CE0} (V) Min | V _{EB0} (V) Min | P _D (W) @ T _c =25°C | I _c (A) | I _{CB0} (μA) Max | V _{CB} (V) @ | I _{CE0} (μA) Max | V _{CE} (V) @ | I _{FE} (A) Min | I _{FE} (A) Max | I _c (A) @ | V _{CE} (V) @ | V _{CE(SAT)} (V) & Max | V _{BE(SAT)} (V) Max | I _c (A) @ | C _{ob} (pF) Max | f _t (MHz) Min | f _t (MHz) Typ | I _c (mA) Max |
| 2N3055 | 100 | 60 | 7 | 117 | 15 | | | *1000 | 100 | 20 | 70 | 4 | 4 | 1.1 | | 4 | | 2.5 | | 500 |
| 2N3055HV | 100 | 100 | 7 | 90 | 15 | | | *1000 | 100 | 20 | 100 | 4 | 4 | 1.1 | | 4 | | 2.5 | | 500 |
| 2N3055S | 100 | 60 | 7 | 90 | 15 | | | *1000 | 100 | 20 | 100 | 4 | 4 | 1.1 | | 4 | | 2.5 | | 500 |
| 2N3773 | 160 | 140 | 7 | 150 | 16 | 2000 | 140 | | | 15 | 60 | 8 | 4 | 1.4 | | 8 | | | | |
| 2N4347 | 140 | 120 | 7 | 100 | 5 | | | *2000 | 125 | 15 | 60 | 2 | 4 | 1 | | 2 | | | | 500 |
| 2N6253 | 50 | 45 | 7 | 115 | 15 | | | *2000 | 55 | 20 | 70 | 3 | 4 | 1.0 | | 3 | | | | |
| 2N6257 | 50 | 40 | 5 | 150 | 20 | 4000 | 50 | | | 15 | 75 | 8 | 4 | 1.5 | | 8 | | 200 | | 1000 |
| 2N6371 | 50 | 40 | 7 | 117 | 15 | | | | | 15 | 60 | 8 | 4 | 1.5 | | 8 | | 800 | | 1000 |
| 2N6371HV | 100 | 100 | 5 | 90 | 15 | | | *2000 | 45 | 15 | 60 | 8 | 4 | 1.5 | | 8 | 330 | 2.5 | | 500 |
| 2SC1308 | #1500 | 400 | 6 | 50 | 5 | | | 1000 | 1500 | 3 | | 4 | 5 | 5.0 | 1.5 | 4 | | | 3 | 100 |
| 2SC1413 | 1200 | 500 | 6 | 50 | 5 | \$1000 | 1200 | | | | | | | 10 | 2.0 | 5 | | | | |
| 2SC1413A | 1500 | 500 | 6 | 50 | 5 | \$1000 | 1500 | | | | | | | 10 | 2.0 | 5 | | | | |
| 2SC1454 | 300 | 300 | 6 | 50 | 4 | 1000 | 300 | | | 20 | | 1 | 5 | 1.5 | 1.4 | 2.5 | | | | |
| 2SC1875 | 150 | 500 | 6 | 50 | 3.5 | 20 | 1000 | | | 5 | 35 | 0.5 | 10 | 10 | 0.8 | 1.2 | 2.5 | | | |
| 2SC1922 | 1500 | 800 | 6 | 50 | 2.5 | 10 | 600 | | | 5 | | | | 5 | 1.5 | 2 | | | | |

#NOTE: V_{CB0}
 *NOTE: I_{CE0}
 \$NOTE: I_{CB0}

This datasheet has been downloaded from:

www.DatasheetCatalog.com

Datasheets for electronic components.