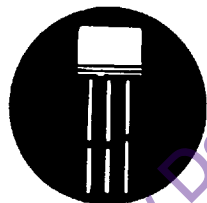


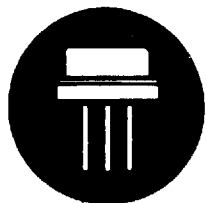
## POWER TRANSISTORS



TO-5

| TYPE NO. | PT @ 25°C Watts | MAXIMUM RATINGS   |                   |                   |                | hfe |     | @                |                   | Sat Voltages      |                   | Test Conditions  |                  | I <sub>BO</sub> ma |
|----------|-----------------|-------------------|-------------------|-------------------|----------------|-----|-----|------------------|-------------------|-------------------|-------------------|------------------|------------------|--------------------|
|          |                 | BV <sub>CBO</sub> | BV <sub>CEO</sub> | BV <sub>EB0</sub> | I <sub>C</sub> |     |     |                  |                   |                   |                   |                  |                  |                    |
|          |                 | V                 | V                 | V                 | A              | MIN | MAX | I <sub>C</sub> A | V <sub>CE</sub> V | V <sub>CE</sub> V | V <sub>BE</sub> V | I <sub>C</sub> A | I <sub>B</sub> A |                    |
| 2N1116   | .6              | 60                | 60                | 6                 | .8             | 40  | 150 | .5               | 6                 | 5.0               | 4.0               | .5               | .05              | 100                |
| 2N1117   | .6              | 60                | 60                | 6                 | .8             | 40  | 150 | .2               | 6                 | 4.0               | 3.0               | .2               | .02              | 100                |
| 2N1479   | 5.0             | 60                | 40                | 12                | 1.5            | 20  | 60  | .2               | 4                 | 1.4               | 3.0               | .2               | .02              | 10                 |
| 2N1480   | 5.0             | 100               | 55                | 12                | 1.5            | 20  | 60  | .2               | 4                 | 1.4               | 3.0               | .2               | .02              | 10                 |
| 2N1481   | 5.0             | 60                | 40                | 12                | 1.5            | 35  | 100 | .2               | 4                 | 1.4               | 3.0               | .2               | .01              | 10                 |
| 2N1482   | 5.0             | 100               | 55                | 12                | 1.5            | 35  | 100 | .2               | 4                 | 1.4               | 3.0               | .1               | .01              | 10                 |
| 2N1700   | 5.0             | 60                | 40                | 6                 | 1.0            | 20  | 80  | .1               | 4                 | 1.0               | 2.5               | .5               | .01              | 25                 |
| 2N2033   | 8.75            | 80                | 60                | 10                | 3.0            | 20  | 60  | .5               | 4                 | .4                | 1.2               | 1.0              | .05              | 50                 |
| 2N2034   | 8.75            | 80                | 60                | 10                | 3.0            | 20  | 60  | 1.0              | 4                 | .3                | 1.2               | 1.0              | .10              | 50                 |
| 2N2858   | 8.75            | 100               | 80                | 10                | 3.0            | 20  | 60  | 1.0              | 3                 | .3                | 1.3               | 1.0              | .10              | 50                 |
| 2N2859   | 8.75            | 120               | 100               | 10                | 3.0            | 20  | 60  | 1.0              | 3                 | .3                | 1.3               | 1.0              | .10              | 50                 |
| 2N2911   | 8.75            | 150               | 125               | 10                | 3.0            | 20  | 60  | 1.0              | 2                 | .3                | 1.2               | 1.0              | .10              | 25                 |

## POWER TRANSISTORS



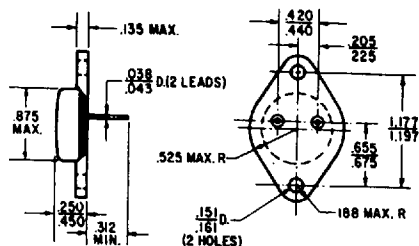
TO-8

| TYPE NO. | PT @ 25°C Watts | MAXIMUM RATINGS   |                   |                   |                | hfe |     | @                |                   | Sat Voltages      |                   | Test Conditions  |                  | I <sub>BO</sub> ma |
|----------|-----------------|-------------------|-------------------|-------------------|----------------|-----|-----|------------------|-------------------|-------------------|-------------------|------------------|------------------|--------------------|
|          |                 | BV <sub>CBO</sub> | BV <sub>CEO</sub> | BV <sub>EB0</sub> | I <sub>C</sub> |     |     |                  |                   |                   |                   |                  |                  |                    |
|          |                 | V                 | V                 | V                 | A              | MIN | MAX | I <sub>C</sub> A | V <sub>CE</sub> V | V <sub>CE</sub> V | V <sub>BE</sub> V | I <sub>C</sub> A | I <sub>B</sub> A |                    |
| 2N1067   | 5               | 60                | 30                | 12                | .5             | 15  | 75  | .2               | 4                 | 2.0               | 3.0               | .2               | .02              | 100                |
| 2N1068   | 10              | 60                | 30                | 12                | 1.5            | 15  | 75  | .75              | 4                 | 2.0               | 3.0               | .75              | .10              | 100                |
| 2N1483   | 25              | 60                | 40                | 12                | 3.0            | 20  | 60  | .75              | 4                 | 2.0               | 3.5               | .75              | .075             | 15                 |
| 2N1484   | 25              | 100               | 55                | 12                | 3.0            | 20  | 60  | .75              | 4                 | 2.0               | 3.5               | .75              | .075             | 15                 |
| 2N1485   | 25              | 60                | 40                | 12                | 3.0            | 35  | 100 | .75              | 4                 | .75               | 2.5               | .75              | .04              | 15                 |
| 2N1486   | 25              | 100               | 55                | 12                | 3.0            | 35  | 100 | .75              | 4                 | .75               | 2.5               | .75              | .04              | 15                 |
| 2N1701   | 25              | 40                | 40                | 6                 | 2.5            | 20  | 80  | .3               | 4                 | 1.5               | 3.0               | .3               | .03              | 50                 |
| 2N2035   | 25              | 60                | 60                | 10                | 3.0            | 20  | 60  | 1.5              | 4                 | 1.0               | 1.8               | 1.5              | .15              | 50                 |
| 2N2304   | 25              | 40                | 40                | 6                 | 3.0            | 20  | 80  | .3               | 4                 | .9                | 3.0               | .3               | .06              | 50                 |
| 2N2308   | 25              | 80                | 80                | 12                | 3.0            | 20  | 60  | 1.0              | 4                 | 1.0               | 2.0               | 1.0              | .10              | 15                 |

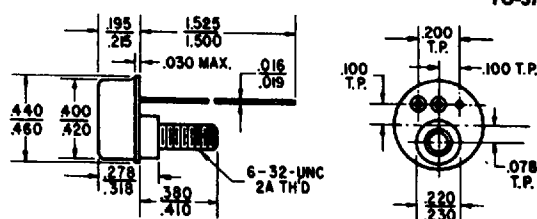
**Solid Power Corporation**

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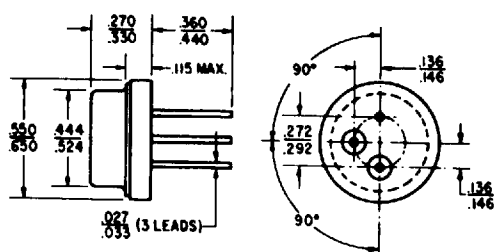
## CASE OUTLINES

**TO-3**

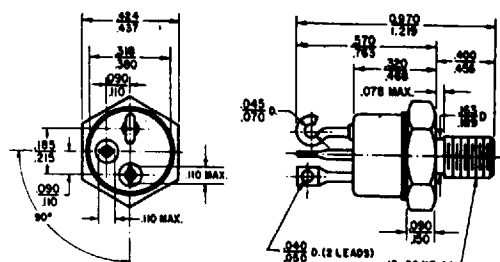
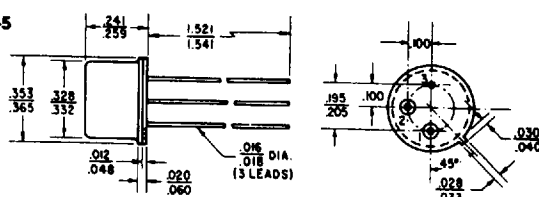
TO-57



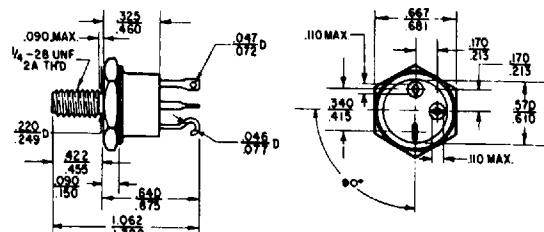
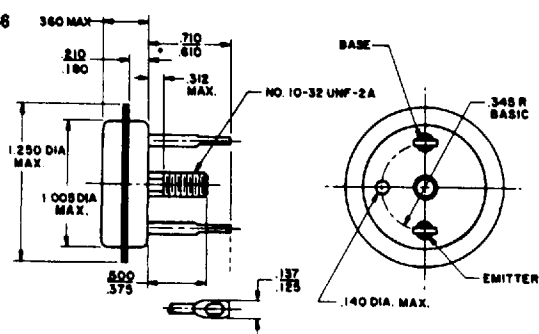
**TO-8**



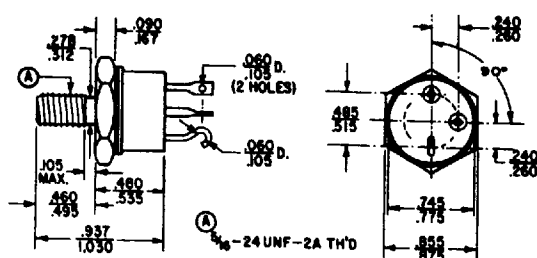
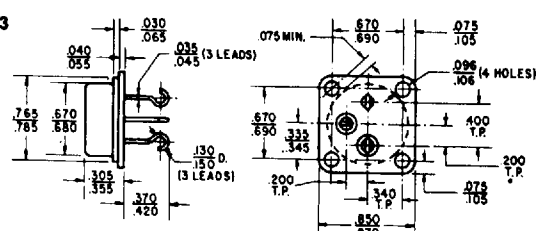
TO-59

**TO-5**

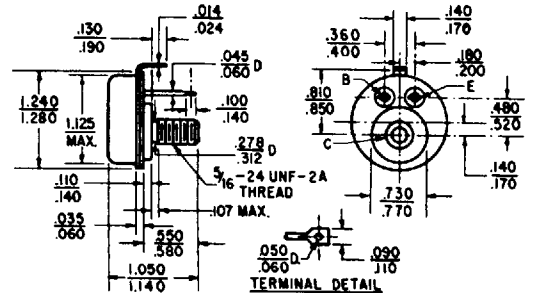
TO-51

**TO-36**

TO-63

**TO-53**

TO-82



TO-114

