

semitronics hot line

discrete  
devices

TOLL FREE NUMBER 800-777-3960

## bidirectional triode thyristor (TRIAC)

| Type    | V <sub>DRM</sub><br>Volts | I <sub>T(rms)</sub><br>Amps | I <sub>GMT</sub><br>ma | V <sub>GT</sub><br>Volts | I <sub>TSM</sub><br>Amps | Package   |
|---------|---------------------------|-----------------------------|------------------------|--------------------------|--------------------------|-----------|
| 2N5441  | 200                       | 40                          | 70                     | 2                        | 300                      | Press Fit |
| 2N5442  | 400                       | 40                          | 70                     | 2                        | 300                      | Press Fit |
| 2N5443  | 600                       | 40                          | 70                     | 2                        | 300                      | Press Fit |
| 2N5444  | 200                       | 40                          | 70                     | 2                        | 300                      | Stud      |
| 2N5445  | 400                       | 40                          | 70                     | 2                        | 300                      | Stud      |
| 2N5446  | 600                       | 40                          | 70                     | 2                        | 300                      | Stud      |
| 2N5567  | 200                       | 10                          | 40                     | 2.5                      | 100                      | Press Fit |
| 2N5568  | 400                       | 10                          | 40                     | 2.5                      | 100                      | Press Fit |
| 2N5569  | 200                       | 10                          | 40                     | 2.5                      | 100                      | Stud      |
| 2N5570  | 400                       | 10                          | 40                     | 2.5                      | 100                      | Stud      |
| 2N5571  | 200                       | 15                          | 50                     | 2.5                      | 100                      | Press Fit |
| 2N5572  | 400                       | 15                          | 50                     | 2.5                      | 100                      | Press Fit |
| 2N5573  | 200                       | 15                          | 50                     | 2.5                      | 100                      | Stud      |
| 2N5574  | 400                       | 15                          | 50                     | 2.5                      | 100                      | Stud      |
| 2N6068  | 25                        | 4                           | 30                     | 2.5                      | 30                       | TO-202    |
| 2N6068A | 25                        | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6069  | 50                        | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6069A | 50                        | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6070  | 100                       | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6070A | 100                       | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6071  | 200                       | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6071A | 200                       | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6072  | 300                       | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6072A | 300                       | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6073  | 400                       | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6073A | 400                       | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6074  | 500                       | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6074A | 500                       | 4                           | 5                      | 2.5                      | 30                       | TO-126    |
| 2N6075  | 600                       | 4                           | 30                     | 2.5                      | 30                       | TO-126    |
| 2N6075A | 600                       | 4                           | 5                      | 2.5                      | 30                       | TO-126    |

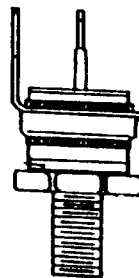
| Type    | V <sub>DRM</sub><br>Volts | I <sub>T(rms)</sub><br>Amps | I <sub>GMT</sub><br>ma | V <sub>GT</sub><br>Volts | I <sub>TSM</sub><br>Amps | Package   |
|---------|---------------------------|-----------------------------|------------------------|--------------------------|--------------------------|-----------|
| 2N6145  | 200                       | 15                          | 50                     | 2.5                      | 100                      | ISO-Stud  |
| 2N6146  | 400                       | 15                          | 50                     | 2.5                      | 100                      | ISO-Stud  |
| 2N6147  | 600                       | 15                          | 50                     | 2.5                      | 100                      | ISO-Stud  |
| 2N6151  | 200                       | 10                          | 75                     | 2.5                      | 100                      | TO-220    |
| 2N6152  | 400                       | 10                          | 75                     | 2.5                      | 100                      | TO-220    |
| 2N6153  | 600                       | 10                          | 75                     | 2.5                      | 100                      | TO-220    |
| 2N6154  | 200                       | 10                          | 50                     | 2.0                      | 100                      | TO-220    |
| 2N6155  | 400                       | 10                          | 50                     | 2.0                      | 100                      | TO-220    |
| 2N6156  | 600                       | 10                          | 50                     | 2.0                      | 100                      | TO-220    |
| 2N6157  | 200                       | 30                          | 60                     | 2.0                      | 250                      | Press Fit |
| 2N6158  | 400                       | 30                          | 60                     | 2.0                      | 250                      | Press Fit |
| 2N6159  | 600                       | 30                          | 60                     | 2.0                      | 250                      | Press Fit |
| 2N6160  | 200                       | 30                          | 60                     | 2.0                      | 250                      | Stud      |
| 2N6161  | 400                       | 30                          | 60                     | 2.0                      | 250                      | Stud      |
| 2N6162  | 600                       | 30                          | 60                     | 2.0                      | 250                      | Stud      |
| 2N6163  | 200                       | 50                          | 60                     | 2.0                      | 250                      | ISO-Stud  |
| 2N6164  | 400                       | 50                          | 60                     | 2.0                      | 250                      | ISO-Stud  |
| 2N6165  | 600                       | 50                          | 60                     | 2.0                      | 250                      | ISO-Stud  |
| 2N6342  | 200                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6342A | 200                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6343  | 400                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6343A | 400                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6344  | 600                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6344A | 600                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6345  | 800                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6345A | 800                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6346  | 200                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6346A | 200                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6347  | 400                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6347A | 400                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6348  | 600                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6348A | 600                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |
| 2N6349  | 800                       | 8                           | 50                     | 2.5                      | 100                      | TO-220    |
| 2N6349A | 800                       | 12                          | 50                     | 2.0                      | 120                      | TO-220    |



PRESS FIT



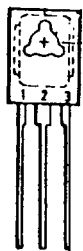
STUD MOUNT



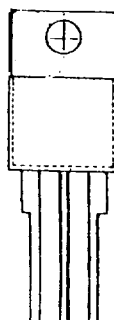
ISOLATED STUD



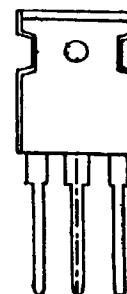
TO-202



TO-126



TO-220



TO-3P

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