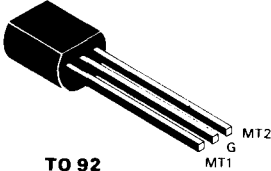
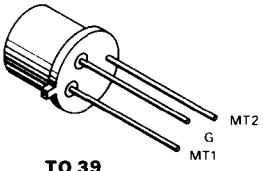
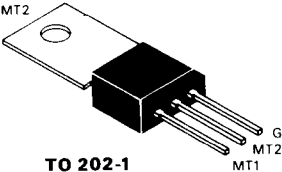
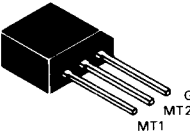


Part Number Definition

Example T1010MH:

T = Glass passivated Triac  
10 = 10 A  
10 = I<sub>GT</sub> 25/25/25/25 mA  
M = 600 V  
H = TO-220

| Technology                                 | Current Range    | I <sub>GT</sub> -Current Range                     | Voltage        | Package                                 |
|--------------------------------------------|------------------|----------------------------------------------------|----------------|-----------------------------------------|
| <b>SCR</b>                                 | 01 = up to 1 A   | <b>Sensitive Gate SCR'S</b><br><b>(&lt;200 μA)</b> | Y = 30         | A = TO-92                               |
| E = Epitaxial (Fast)                       | 02 = up to 2 A   | Code Min Max (μA)                                  | F = 60         | B = RD 26                               |
| F = Fast (gold doped,<br>glass passivated) | 03 = 3 A         | 00 = - 20                                          | A = 100        | D = TO-18                               |
| L = Light activated                        | 04 = 4 A         | 01 = 1 20                                          | B = 200        | E = TO-202-1                            |
| M = Mesa                                   | 05 = 5 A         | 02 = - 200                                         | C = 300        | F = TO-202-2                            |
| P = Planar                                 | 06 = 6 A         | 03 = 20 200                                        | D = 400        | G = TO-39                               |
| S = Glass passivated                       | 08 = 8 A         | 04 = - 50                                          | <b>M = 600</b> | <b>H = TO-220</b>                       |
| X = Top Glass                              | <b>10 = 10 A</b> | 05 = 20 50                                         | S = 700        | J = TO-220 Isolated                     |
| <b>TRIAC</b>                               | 12 = 12 A        | 06 = 50 200                                        | N = 800        | K = RD 101 Isolated                     |
| <b>T = Glass passivated</b>                | 15 = 15 A        | 07 = - 5                                           | P = 1000       | N = TO-48L, 1/4"-<br>28UNF-2A<br>Thread |
| Z = Top Glass                              | 16 = 16 A        | 08 = 1 5                                           | V = 1200       | P = TO-48L, Metric<br>M6 Thread         |
| <b>DIAC</b>                                | 25 = 25 A        | 09 = - 1                                           | Z = 1400       | R = DO-35                               |
| D = Glass passivated                       | 40 = 40 A        | 10 = 5 20                                          |                | T = TO-92 Taped<br>and Reeled           |
|                                            |                  | <b>Non-Sensitive SCR'S</b><br><b>(&gt;200 μA)</b>  |                | V = Vial                                |
|                                            |                  | Code Min Max (mA)                                  |                | W = Waffle Pack                         |
|                                            |                  | 05 = - 5                                           |                | X = Expanded Wafer                      |
|                                            |                  | 07 = 5 10                                          |                | Y = Unscribed Wafer                     |
|                                            |                  | 08 = - 10                                          |                | Z = Specials                            |
|                                            |                  | 10 = 10 25                                         |                |                                         |
|                                            |                  | 12 = 25 50                                         |                |                                         |
|                                            |                  | 13 = - 50                                          |                |                                         |
|                                            |                  | 14 = 30 75                                         |                |                                         |
|                                            |                  | <b>TRIACS</b>                                      |                |                                         |
|                                            |                  | mA max. in Quad.                                   |                |                                         |
|                                            |                  | Code 1 2 3 4                                       |                |                                         |
|                                            |                  | 02 = 3 3 3 3                                       |                |                                         |
|                                            |                  | 05 = 5 5 5 5                                       |                |                                         |
|                                            |                  | 09 = 10 10 10 10                                   |                |                                         |
|                                            |                  | <b>10 = 25 25 25 25</b>                            |                |                                         |
|                                            |                  | 12 = 50 50 50 50                                   |                |                                         |
|                                            |                  | 13 = 50 50 50 75                                   |                |                                         |
|                                            |                  | <b>Special Selections on<br/>SCR'S and TRIACS</b>  |                |                                         |
|                                            |                  | Codes 20 to 99                                     |                |                                         |

| IGT(mA) Maximum                                                                                 |                   |              |            |            |             |             |
|-------------------------------------------------------------------------------------------------|-------------------|--------------|------------|------------|-------------|-------------|
| Package                                                                                         | IT(RMS)<br>(Amps) | VDRM<br>VRRM | Q1-Q4<br>3 | Q1-Q4<br>5 | Q1-Q4<br>10 | Q1-Q4<br>25 |
| <br>TO 92      | 0.8               | 200          | Z0102BA    | Z0105BA    | Z0109BA     | Z0110BA     |
|                                                                                                 |                   | 400          | Z0102DA    | Z0105DA    | Z0109DA     | Z0110BA     |
|                                                                                                 |                   | 600          | Z0102MA    | Z0105MA    | Z0109MA     | Z0110MA     |
|                                                                                                 |                   | 800          | Z0102NA    | Z0105NA    | Z0109NA     | Z0110NA     |
|                                                                                                 |                   |              |            |            |             |             |
| <br>TO 39     | 3                 | 200          | Z0302BG    | Z0305BG    | Z0309BG     | Z0310BG     |
|                                                                                                 |                   | 400          | Z0302DG    | Z0305DG    | Z0309DG     | Z0310DG     |
|                                                                                                 |                   | 600          | Z0302MG    | Z0305MG    | Z0309MG     | Z0310MG     |
|                                                                                                 |                   | 800          | Z0302NG    | Z0305NG    | Z0309NG     | Z0310NG     |
|                                                                                                 |                   |              |            |            |             |             |
| <br>TO 202-1 | 4                 | 200          | Z0402BE    | Z0405BE    | Z0409BE     | Z0410BE     |
|                                                                                                 |                   | 400          | Z0402DE    | Z0405DE    | Z0409DE     | Z0410DE     |
|                                                                                                 |                   | 600          | Z0402ME    | Z0405ME    | Z0409ME     | Z0410ME     |
|                                                                                                 |                   | 800          | Z0402NE    | Z0405NE    | Z0409NE     | Z0410NE     |
|                                                                                                 |                   |              |            |            |             |             |
| <br>TO 202-2 | 4                 | 200          | Z0402BF    | Z0405BF    | Z0409BF     | Z0410BF     |
|                                                                                                 |                   | 400          | Z0402DF    | Z0405DF    | Z0409DF     | Z0410DF     |
|                                                                                                 |                   | 600          | Z0402MF    | Z0405MF    | Z0409MF     | Z0410MF     |
|                                                                                                 |                   | 800          | Z0402NF    | Z0405NF    | Z0409NF     | Z0410NF     |
|                                                                                                 |                   |              |            |            |             |             |