

Example T1010MH:

T = Glass passivated Triac

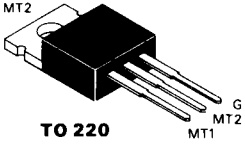
10 = 10 A

10 = I_{GT} 25/25/25/25 mA

M = 600 V

H = TO-220

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

| Package | IT(RMS) (Amps) | VDRM VRRM | IGT(mA) Maximum | | | | |
|--|-------------------|--------------|-----------------|-------------|-------------|-------------|--------------------|
| | | | Q1-Q4 5 | Q1-Q4 10 | Q1-Q4 25 | Q1-Q4 50 | Q1-Q3, Q4 50 75 |
|  <p>TO 220</p> | 5 | 200 | T0505BH | T0509BH | T0510BH | T0512BH | |
| | | 400 | T0505DH | T0509DH | T0510DH | T0512DH | |
| | | 600 | T0505MH | T0509MH | T0510MH | T0512MH | |
| | | 800 | T0505NH | T0509NH | T0510NH | T0512NH | |
| | 6 | 200 | T0605BH | T0609BH | T0610BH | T0612BH | |
| | | 400 | T0605DH | T0609DH | T0610DH | T0612DH | |
| | | 600 | T0605MH | T0609MH | T0610MH | T0612MH | |
| | | 800 | T0605NH | T0609NH | T0610NH | T0612NH | |
| | 8 | 200 | T0805BH | T0809BH | T0810BH | T0812BH | |
| | | 400 | T0805DH | T0809DH | T0810DH | T0812DH | |
| | | 600 | T0805MH | T0809MH | T0810MH | T0812MH | |
| | | 800 | T0805NH | T0809NH | T0810NH | T0812NH | |
| | 10 | 200 | | | T1010BH | T1012BH | T1013BH |
| | | 400 | | | T1010DH | T1012DH | T1013DH |
| | | 600 | | | T1010MH | T1012MH | T1013MH |
| | | 800 | | | T1010NH | T1012NH | T1013NH |
| 12 | 200 | | | T1210BH | T1212BH | T1213BH | |
| | 400 | | | T1210DH | T1212DH | T1213DH | |
| | 600 | | | T1210MH | T1212MH | T1213MH | |
| | 800 | | | T1210NH | T1212NH | T1213NH | |
| 16 | 200 | | | | T1612BH | T1613BH | |
| | 400 | | | | T1612DH | T1613DH | |
| | 600 | | | | T1612MH | T1613MH | |
| | 800 | | | | T1612NH | T1613NH | |
| 25 | 200 | | | | T2512BH | T2513BH | |
| | 400 | | | | T2512DH | T2513DH | |
| | 600 | | | | T2512MH | T2513MH | |
| | 800 | | | | T2512NH | T2513NH | |