

GERMANIUM DIODES

Gold Bonded Germanium Diodes in DO-7 Package



| Type | Peak Inverse Voltage (MIN.) (PIV) Volts | Maximum Forward Voltage Drop | | Maximum Reverse leakage current | | Maximum Reverse Recovery (t _r) nS |
|-----------------|--|------------------------------|------------------------|---------------------------------|---------------------------|--|
| | | (V _F) Volts | @ I _F mA | (I _R) μA | @ V _R Volts | |
| AA113 | 65 | 1.1 | 10 | 180 | 60 | - |
| AA117 | 90 | 0.18 | 0.1 | 280 | 90 | - |
| AA118 | 90 | 1.0 | 5 | 80 | 90 | - |
| AA119 | 45 | 1.5 | 10 | 2.8 | 3 | - |
| AA138 | 25 | 1.5 | 10 | 2 | 25 | - |
| AA143 | 30 | 0.5 | 15 | 20 | 20 | 70 |
| AA144 | 100 | 1.0 | 5 | 200 | 75 | - |
| AAZ15 | 100 | 0.45 | 10 | 100 | 1 | 350 |
| AAZ17 | 75 | 0.45 | 10 | 300 | 1 | 350 |
| AAZ18 | 40 | 0.75 | 200 | 40 | 1 | - |
| OA47 | 25 | 0.45 | 10 | 100 | 25 | 70 |
| OA79 | 40 | 2.2 | 10 | 100 | 36 | - |
| OA90 * | 30 | 1.0 | 10 | 20 | 10 | - |
| OA91 * | 100 | 1.0 | 10 | 11 | 10 | - |
| OA95 * | 100 | 1.0 | 10 | 7 | 10 | - |
| OA99 * | 45 | 1.0 | 100 | 18 | 10 | - |
| 1N34A | 60 | 1.0 | 5 | 30 | 30 | - |
| 1N38A | 100 | 1.0 | 40 | 50 | 50 | - |
| 1N60A | 40 | 1.0 | 4 | 60 | 10 | - |
| 1N100A | 80 | 1.0 | 40 | 50 | 50 | - |
| 1N270 ✓ | 100 | 1.0 | 200 | 100 | 50 | - |
| 1N276 ✓ | 100 | 1.0 | 40 | 100 | 50 | 300 |
| 1N277 ✓ | 125 | 1.0 | 100 | 250 | 50 | - |
| 1N695 | 20 | 1.0 | 100 | 2 | 10 | 300. typ. |
| 1N695A | 25 | 0.5 | 10 | 2 | 10 | 300 |
| 1N933 | 100 | 1.0 | 14 | 10 | 10 | 400 |
| 1N949 | 50 | 0.39 | 10 | 10 | 10 | - |
| 1N3287 ✓ | 6 | 0.3 | 1 | 15 | 2 | - |
| 1N3592 | 25 | 0.5 | 15 | 4 | 4.5 | 40 |
| 1N3666 ✓ | 80 | 1.0 | 200 | 10 | 20 | 300 |
| 1N3773 | 25 | 0.5 | 15 | 4 | 3 | 40 |

Average power dissipation = 80 mW
 Operating temperature = -65°C to 85°C

* For matched pairs, use a 2- prefix. Pairs are grouped in 10 millivolt V_F cells, measured at 1 mA I_F.

✓ Mil-Approved Devices, See Page 5 for Level of Qual

DO-7 Glass Package (nominal dimensions)

