



Excellence in Electronics

TYPE 1N310

(CK745)

The 1N310 is a germanium Gold Bonded junction diode of small size designed for use in general purpose applications, providing extreme stability, high forward current and high ratio of back to forward resistance.

MECHANICAL DATA

CASE: Metal and Glass

TERMINALS: Dumet wire, Tinned to within 1/8" of barrel Diameter: 0.017" max. Length: 1" min.

TERMINAL CONNECTIONS: White Band at Cathode Terminal

MOUNTING POSITION: Any

ELECTRICAL DATA

RATINGS - ABSOLUTE MAXIMUM VALUES: (at 25°C)

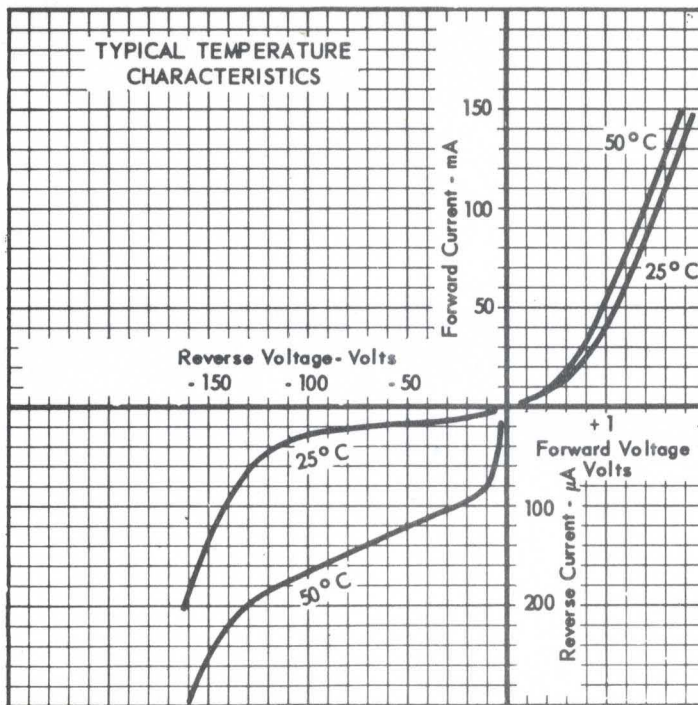
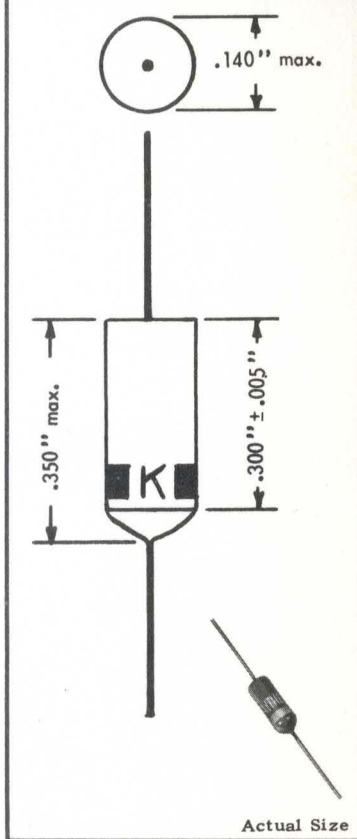
- Peak Inverse Voltage
- Continuous Inverse Voltage
- Average Rectified Current
- Peak Rectified Current
- Surge Current (for 1 sec.)
- Ambient Temperature Range
- Dissipations at:
 - 25°C
 - 50°C

- 125 volts
- 100 volts
- 40 ma.
- 100 ma.
- 500 ma.
- 10 to + 70 °C

CHARACTERISTICS:

- Maximum Inverse Current at - 20 volts
- Maximum Inverse Current at - 100 volts
- Minimum Forward Current at + 1 volt

- | | |
|------|---------|
| 55°C | 25°C |
| 150 | 20 μa. |
| 300 | 100 μa. |
| | 15 ma. |



Tentative Data