The IN310 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: Dumen 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
- Dissipation at:
  - 25°C
  - 50°C

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

TENTATIVE DATA
- Forward Voltage
- Reverse Voltage
- Forward Current
- Reverse Current
- TYPICAL TEMPERATURE CHARACTERISTICS

RAYTHEON MANUFACTURING COMPANY
RECEIVING AND CATHODE RAY TUBE OPERATIONS
March 22, 1955
NEWTON 58, MASS.