

Type No. 1N88

T-01-07

GOLD BONDED GERMANIUM DIODE

6 Lake Street
PO Box 1436
Lawrence, MA 01841

Telephone (617) 681-0392
TeleFax (617) 681-9135
Telex 928377



BKC International
Electronics Inc.

FEATURES

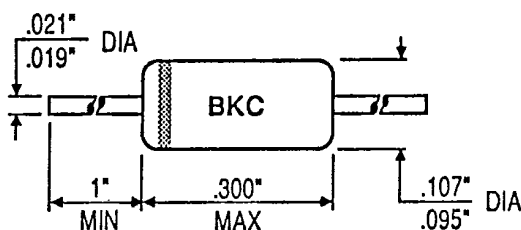
Low forward voltage drop—low power consumption
Thirty years of proven reliability—one million hours mean time between failures (MTBF)
Very low noise level
Metallurgically bonded

ABSOLUTE MAXIMUM RATINGS (at 25 °C, unless otherwise specified)

| | |
|-----------------------------|------------------|
| Peak Inverse Voltage | 85 Volts |
| Peak Forward Current | 500 mA |
| Operating Temperature Range | - 65 °C to 85 °C |
| Average Power Dissipation | 80 mW |

ELECTRICAL CHARACTERISTICS

| | Symbol | Conditions | Min | Max | Unit | T °C |
|----------------------|----------------|------------|-----|-----|------|-------|
| Peak Inverse Voltage | PIV | 1 mA | 85 | | V | 25 °C |
| Reverse Current | I _r | 50 V | | 100 | μA | 25 °C |
| Forward Voltage | V _f | 2.5 mA | | 1 | V | 25 °C |

MECHANICAL

Passes all mechanical and environmental requirements of MIL-S-19500, including shock and vibration.