

Type No. 1N67A

T-01-07

**GOLD BONDED GERMANIUM DIODE**

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BKC International  
Electronics Inc.

**FEATURES**

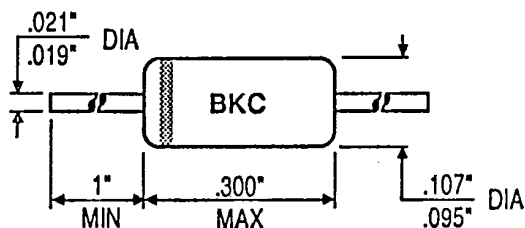
Low forward voltage drop—low power consumption  
Thirty years of proven reliability—one million hours mean time between failures (MTBF)  
Very low noise level  
Metallurgically bonded

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

|                             |                  |
|-----------------------------|------------------|
| Peak Inverse Voltage        | 100 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       | 100 |     | V    | 25 °C |
| Reverse Current      | I <sub>r</sub> | 5 V        |     | 5   | μA   | 25 °C |
| Reverse Current      | I <sub>r</sub> | 50 V       |     | 50  | μA   | °C    |
| Forward Voltage      | V <sub>f</sub> | 4 mA       |     | 1   | V    | 25 °C |

**MECHANICAL**

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