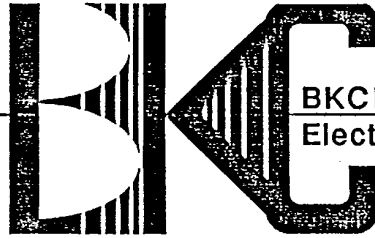


Type No. AA119

**GOLD BONDED GERMANIUM DIODE**

6 Lake Street  
PO Box 1436  
Lawrence, MA 01841

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



BKCInternational  
Electronics Inc.

**FEATURES**

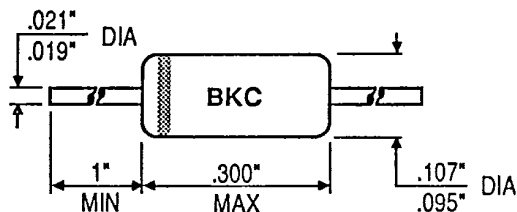
**Low forward voltage drop**—low power consumption  
**Thirty years of proven reliability**—one million hours mean time between failures (MTBF)  
**Very low noise level**  
**Metallurgically bonded**

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

**Peak Inverse Voltage** 45 Volts  
**Peak Forward Current** 500 mA  
**Operating Temperature** - 65 °C to 85 °C  
**Average Power Dissipation** 80 mW

**ELECTRICAL CHARACTERISTICS**

	Symbol	Conditions	Min	Max	Unit	T °C
<b>Peak Inverse Voltage</b>	PIV	1 mA	45		V	25 °C
<b>Reverse Current</b>	I <sub>r</sub>	3 V		2.8	μA	25 °C
<b>Forward Voltage</b>	V <sub>f</sub>	10 mA		1.5	V	25 °C

**MECHANICAL**

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