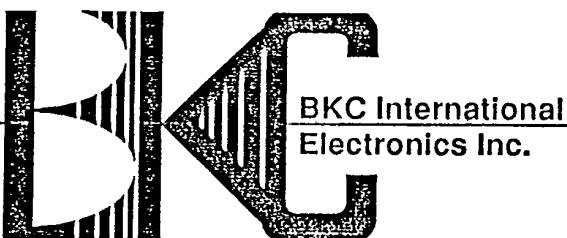


Type No. 1N68A

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

**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

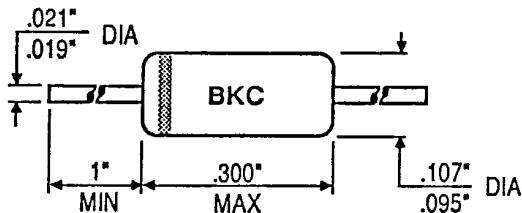
Metallurgically bonded

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

Peak Inverse Voltage	130 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	130		V	25 °C
Reverse Current	Ir	100 V		625	µA	25 °C
Forward Voltage	Vf	3 mA		1	V	25 °C

MECHANICAL

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