

Type No. AA112

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

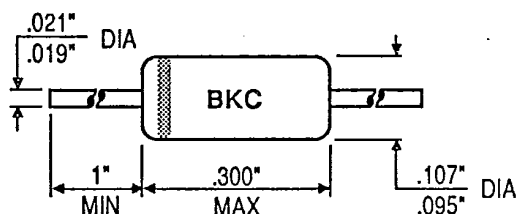
Metallurgically bonded

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

Peak Inverse Voltage	20 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
Peak Inverse Voltage	PIV	1 mA	20		V	25 °C
Reverse Current	I _r	10 V		12	μA	25 °C
Forward Voltage	V _f	10 mA		0.95	V	25 °C

MECHANICAL

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