

Type No. AA119

GOLD BONDED GERMANIUM DIODE

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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

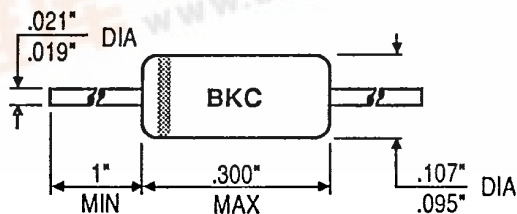
Operating Temperature - 65 °C to 85 °C

Average Power Dissipation 80 mW

ELECTRICAL CHARACTERISTICS

	Symbol	Conditions	Min	Max	Unit	T °C
Peak Inverse Voltage	PIV	1 mA	45		V	25 °C
Reverse Current	I _r	3 V		2.8	μA	25 °C
Forward Voltage	V _f	10 mA		1.5	V	25 °C

MECHANICAL

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