

GOLD BONDED GERMANIUM DIODE

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BKC International
Electronics Inc.

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FEATURES

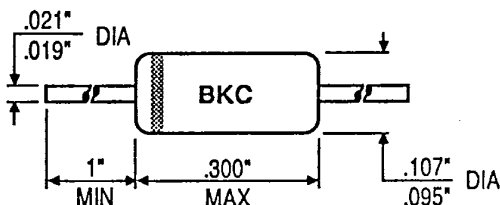
Low forward voltage drop—low power consumption
Thirty years of proven reliability—one million hours mean time between failures (MTBF)
Very low noise level
Metallurgically bonded

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

Peak Inverse Voltage 140 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	140		V	25 °C
Reverse Current	I _r	100 V		55	μA	25 °C
Forward Voltage	V _f	10 mA		1.4	V	25 °C

MECHANICAL

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

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