T-01-07

Type No. 1N66A

GOLD BONDED GERMANIUM DIODE



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

60 Volts

Peak Forward Current

500 mA

Operating Temperature Range

- 65 °C to 85 °C

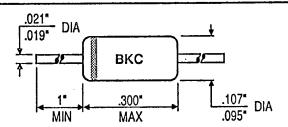
Average Power Dissipation

80 mW

ELECTRICAL CHARACTERISTICS

	Symbol	Conditions	Min	Max	Unit	T℃	
Peak Inverse Voltage Reverse Current	PIV Ir	1 mA 10 V	60	50	V μA	25 °C 25 °C	
Forward Voltage	Vf	5 mA		1	·v	25 °C	

MECHANICAL



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