Type No. 1N65

T-01-07

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
Peak Forward Current
Operating Temperature Range
Average Power Dissipation

85 Volts

500 mA

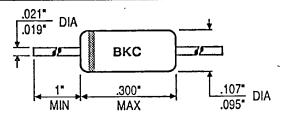
- 65 °C to 85 °C

80 mW

ELECTRICAL CHARACTERISTICS

·	Symbol	Conditions	Min	Max	Unit	T°C	
Peak Inverse Voltage Reverse Current Forward Voltage	PIV Ir Vf	1 mA 50 V 2.5 mA	85	200 1	V μA V	25 °C 25 °C 25 °C	

MECHANICAL



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