

GOLD BONDED DIODES

TYPE **1N949**

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

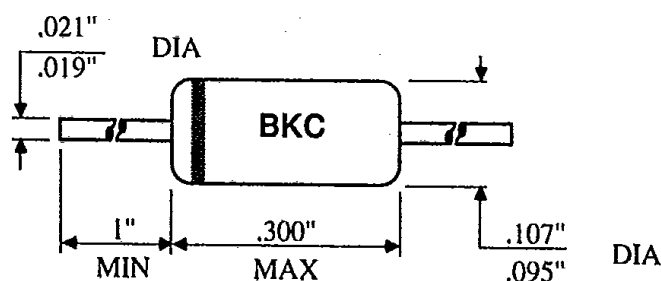
ABSOLUTE MAXIMUM RATINGS

Peak Inverse Voltage	60V	@ 25 °C
Peak Forward Current	500mA	unless
Operating Temperature Range	-65°C to 85°C	otherwise
Average Power Dissipation	80mW	specified

ELECTRICAL CHARACTERISTICS

	Symbol	Conditions	Min.	Max.	Unit	T °C
Peak Inverse Voltage	PIV	1mA	60		V	25°
Inverse Current	I _r	10V		10	uA	25°
Inverse Current	I _r	10V		50	uA	55°
Inverse Current	I _r	50V		100	uA	25°
Forward Voltage	V _f	10mA	.34	.39	V	25°

MECHANICAL



Passes all mechanical and
 environmental requirements of
 MIL-S-19500, including
 shock and vibration. www.DataSheet4U.com