

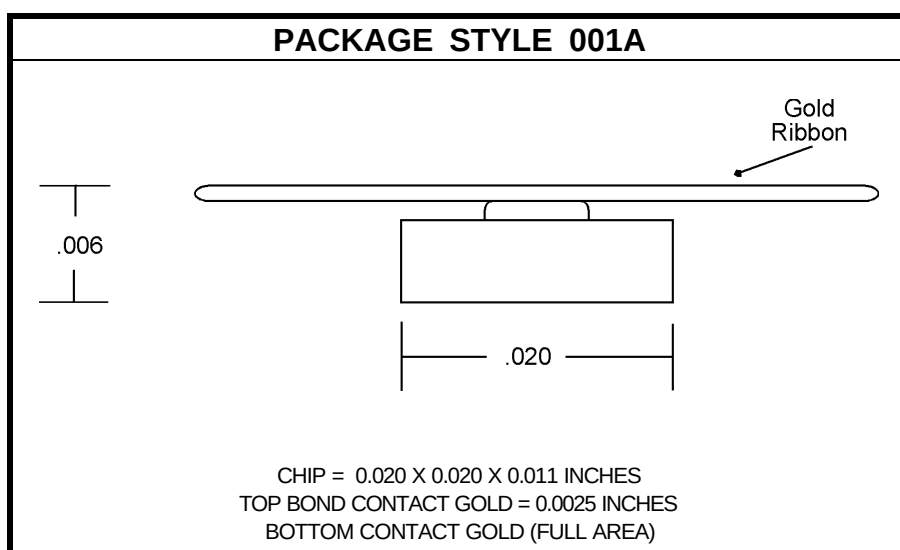
SILICON PIN DIODE CHIP

DESCRIPTION:

The **ASI 5082-0001** is a Silicon Dioxide Passivated PIN Diode Chip Designed for MIC Circuit Applications.

MAXIMUM RATINGS

I	100 mA
V	70 V
P_{DISS}	250 mW @ T _C = 25 °C
T_J	-65 °C to +150 °C
T_{STG}	-65 °C to +150 °C
T_{SOLD}	t ≤ 1.0 MINUTE +300 °C



CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS		MINIMUM	TYPICAL	MAXIMUM	UNITS
V_B	I _R = 10 μA		70			V
C_J	V _R = 20 V	f = 1.0 MHz			0.16	pF
R_S	I _F = 20 mA	f = 100 MHz		0.8		Ohms
t	I _F = 10 mA	I _R = 6.0 mA		35		μS
t_{rr}	I _F = 20 mA	V _R = 10 V		5.0		μS