

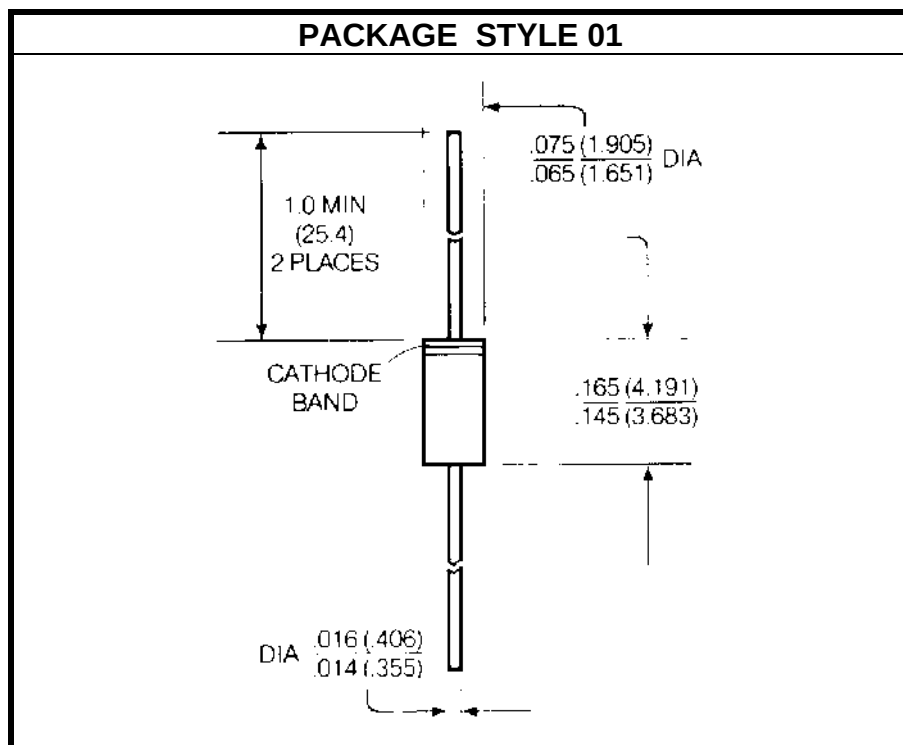
SCHOTTKY BARRIER DIODE

DESCRIPTION:

The **ASI 5082-2835** is a Silicon Small Signal Schottky Diode Designed for General Purpose UHF/VHF Detection and Pulse Applications. Color Band Indicates Cathode.

MAXIMUM RATINGS

I	20 mA
V	8.0 V
P_{DISS}	250 mW @ T _C = 25 °C
T_J	-65 °C to +200 °C
T_{STG}	-65 °C to +200 °C



CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V_R	I _R = 100 μA	8.0			V
I_R	V _R = 1.0 V			100	nA
V_F	I _F = 1.0 mA I _F = 10 mA			340 450	mV
C_t	V _R = 0 V f = 1.0 MHz			1.0	pF
τ	I _F = 20 mA			100	pS