

# SCHOTTKY MEDIUM BARRIER DIODE

## DESCRIPTION:

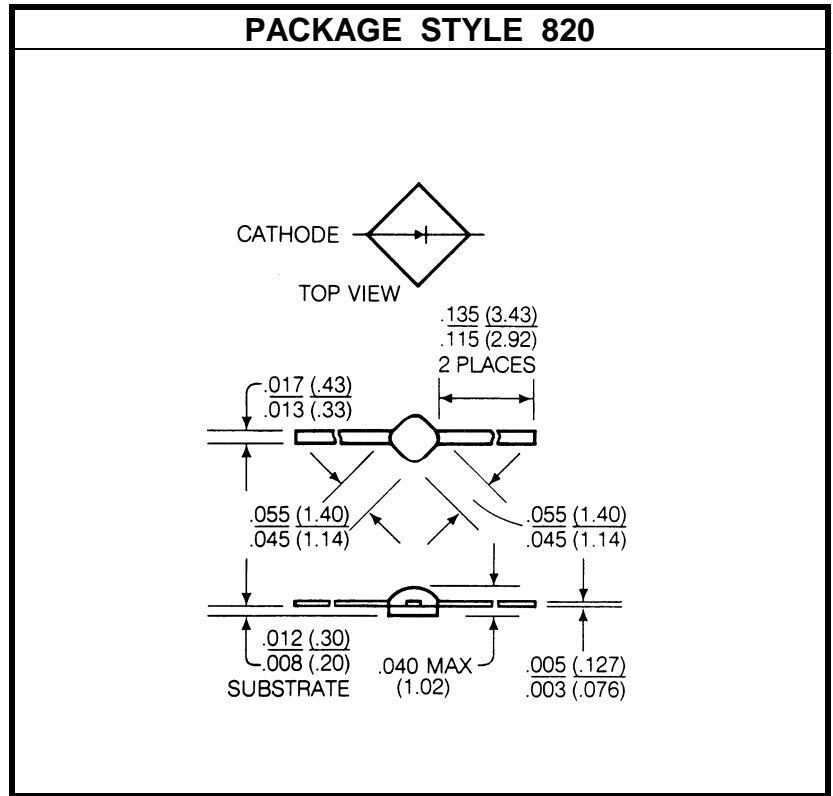
The **ASI DME3057** is a Medium Barrier Schottky Diode designed for General Purpose Mixer Applications.

## FEATURES INCLUDE:

- Small size
- Ideal for MIC

## MAXIMUM RATINGS:

<b>P<sub>DISS</sub></b>	75 mW @ T <sub>A</sub> = 25 °C
<b>T<sub>J</sub></b>	-65 °C to +175 °C
<b>T<sub>STG</sub></b>	-65 °C to +175 °C
<b>θ<sub>JC</sub></b>	1000 °C/W



## CHARACTERISTICS T<sub>C</sub> = 25 °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V <sub>B</sub>	I <sub>R</sub> = 10 μA	3.0			V
V <sub>F</sub>	I <sub>F</sub> = 1 mA	325		425	mV
R <sub>S</sub>	I <sub>F</sub> = 10 mA			8.0	Ω
C <sub>J</sub>	V <sub>R</sub> = 0 V		f = 1.0 MHz	0.30	pF