

SCHOTTKY MEDIUM BARRIER DIODE

DESCRIPTION:

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

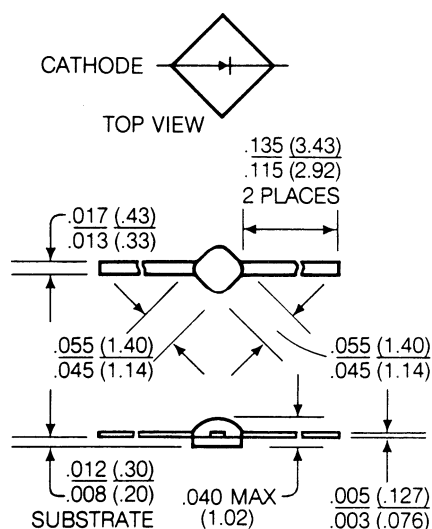
FEATURES INCLUDE:

- Small size
- Ideal for MIC

MAXIMUM RATINGS:

P_{DISS}	75 mW @ $T_A = 25\text{ }^{\circ}\text{C}$
T_J	$-65\text{ }^{\circ}\text{C}$ to $+175\text{ }^{\circ}\text{C}$
T_{STG}	$-65\text{ }^{\circ}\text{C}$ to $+175\text{ }^{\circ}\text{C}$
θ_{JC}	1000 $^{\circ}\text{C/W}$

PACKAGE STYLE 820



CHARACTERISTICS $T_C = 25\text{ }^{\circ}\text{C}$

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V_B	$I_R = 10\text{ }\mu\text{A}$	3.0			V
V_F	$I_F = 1\text{ mA}$	325		425	mV
R_S	$I_F = 10\text{ mA}$			8.0	Ω
C_J	$V_R = 0\text{ V}$ $f = 1.0\text{ MHz}$	0.15		0.30	pF