



DME2333-230

SCHOTTKY MEDIUM BARRIER DIODE

DESCRIPTION:

The **ASI DME2333-230** is a Medium Barrier Schottky Diode designed for General Purpose Mixer Applications.

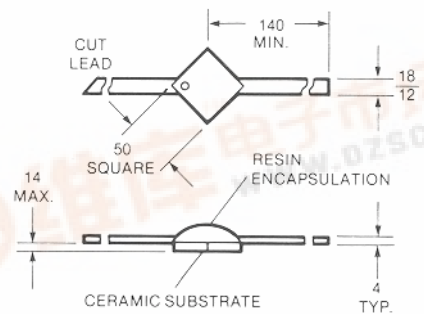
FEATURES INCLUDE:

- Small size
- Ideal for MIC

MAXIMUM RATINGS:

I_C	100 mA
P_{DISS}	75 mW @ $T_A = 25^\circ\text{C}$
T_J	-65°C to $+175^\circ\text{C}$
T_{STG}	-65°C to $+175^\circ\text{C}$
θ_{JC}	2000 $^\circ\text{C/W}$

PACKAGE STYLE 820



$C_p = .07 \text{ pF}$
 $L_p = .4 \text{ nH}$

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

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V_B	$I_R = 10 \mu\text{A}$	3.0			V
V_F	$I_F = 1 \text{ mA}$	350		450	mV
R_S	$I_F = 5.0 \text{ mA}$			13	Ω
C_J	$V_R = 0 \text{ V}$ $f = 1.0 \text{ MHz}$	0.05		0.15	pF

