

SCHOTTKY MEDIUM BARRIER DIODE

DESCRIPTION:

The **ASI 5082-2785** is a Medium Barrier Schottky Diode designed for General Purpose Mixer Applications.

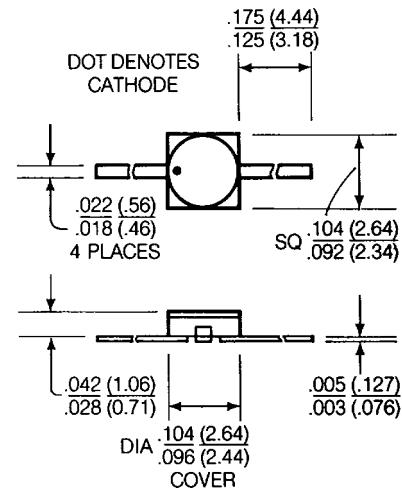
FEATURES INCLUDE:

- Small size
- Low noise fugure

MAXIMUM RATINGS:

P_{DISS}	125 mW @ T _A = 25 °C
T_J	-65 °C to +150 °C
T_{STG}	-65 °C to +150 °C
θ_{JC}	1000 °C/W

PACKAGE STYLE 860



CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
NF	DC Load Resistance = 0 Ω			6.5	DB
Z_{IF}	L.O. Power = 1.0 mW I _F = 30 MHz	150		350	Ω
SRW				2.0:1	---
C_J	V _R = 0 V		0.18		pF
TSS	Zero Bias P _{IN} = -30 dBm		-44		dBm
γ	Video Bandwidth = 2.0 MHz f = 10 GHz		10		mV/μW
R_V			1.8		MΩ