SCHOTTKY BARRIER DUAL DIODE

DESCRIPTION:

The **ASI 5082-2277** is a medium Barrier Schottky Dual Diode Designed for Single Balanced Mixer, Phase Detector and Modulator Applications from 2.4 to 4.8 GHz.

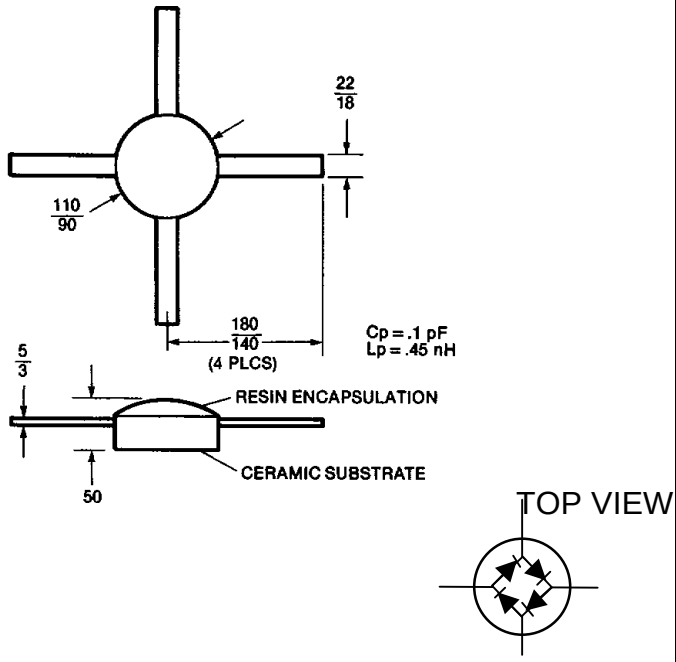
FEATURES INCLUDE:

- Medium Barrier
- Excellent Matching
- Rugged design

MAXIMUM RATINGS

I_F	100 mA
P_{DISS}	75 mW @ T_C = 25 °C per Junction
T_J	-65 °C to +125 °C
T_{STG}	-65 °C to +175 °C
T_{SOLDER}	+220 °C for 10 seconds

PACKAGE STYLE 809



CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS			MINIMUM	TYPICAL	MAXIMUM	UNITS
V_F	I_F = 1 mA					350	mV
ΔV_F	I_R = 5.0 mA					20	mV
C_T	V_R = 0 V	Diagonal	f = 1.0 MHz			0.50	pF
		Adjecent				0.67	
ΔC_T	V_R = 0		f = 1.0 MHz			0.10	pF
R_D	I_F = 5.0 mA					15	Ω