

SCHOTTKY BARRIER DIODE

DESCRIPTION:

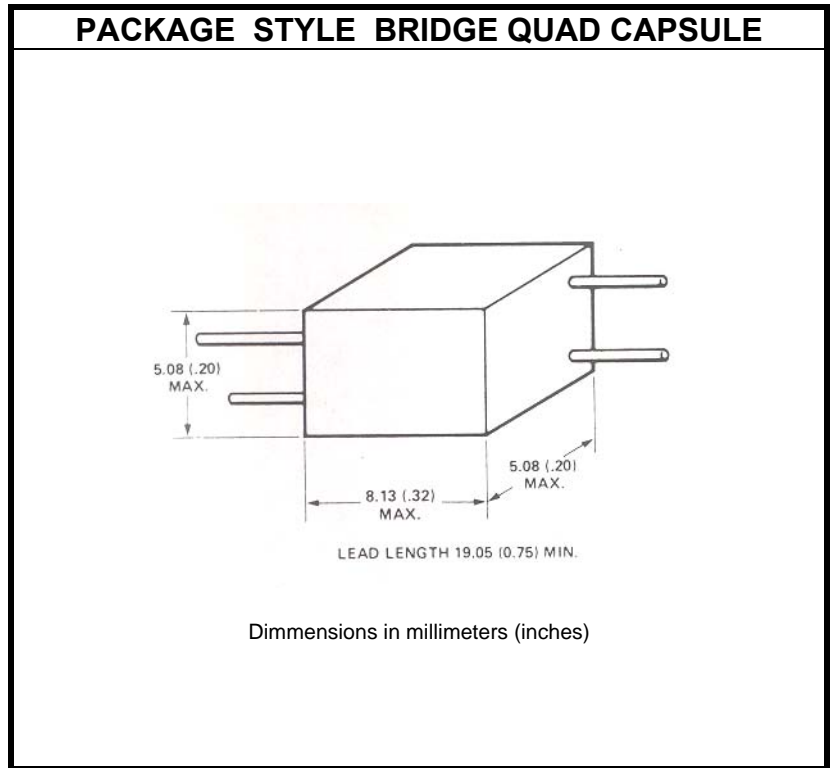
The **ASI 5082-2356** is a Silicon Small Signal Schottky Diode for General Purpose UHF/VHF Detection and Pulse Applications. Color Band Indicates Cathode.

FEATURES:

- Matched Bridge Quad Encapsulated

MAXIMUM RATINGS

I_F	35 mA
V_R	20 V
P_{DISS}	250 mW @ T _A = 25 °C
T_J	-60 °C to +200 °C
T_{STG}	-60 °C to +200 °C
θ_{JC}	700 °C/W



CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V_{BR}	I _R = 10 μA	20			V
I_R	V _R = 15 V			500	nA
V_F	I _F = 1.0 mA I _F = 35 mA			0.4 1.0	V
ΔV_F	I _F = 0.75, 20 mA			20	mV
ΔC_O			f = 1.0 MHz	0.2	pF
C_T	V _R = 0 V		f = 1.0 MHz	1.0	pF
τ	I _F = 20 mA			100	pS