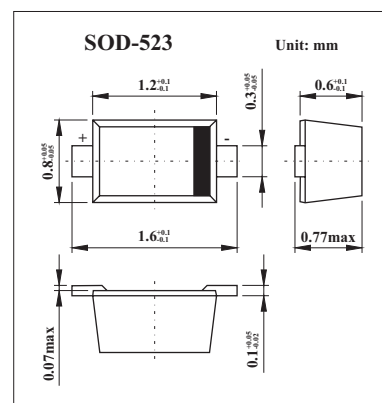


SCHOTTKY BARRIER DIODE

1PS79SB62

■ Features

- Ultra high switching speed
- Very low capacitance
- High breakdown voltage
- Guard ring protected
- Ultra small plastic SMD package.

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Min	Max	Unit
continuous reverse voltage	V_R		40	V
continuous forward current	I_F		20	mA
storage temperature	T_{stg}	-65	+150	$^\circ\text{C}$
junction temperature	T_j		125	$^\circ\text{C}$
operating ambient temperature	T_{amb}	-65	+150	$^\circ\text{C}$

■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Max	Unit
continuous forward voltage	V_F	$I_F = 2\text{ mA}$; note 1	800	mV
capacitance reverse current	I_R	$V_R = 40\text{ V}$, note	1	μA
diodes capacitance	C_d	$V_R = 0\text{ V}$, $f = 1\text{ MHz}$	0.6	pF

Note

1. Pulse test: pulse width = 300 μs , $\delta = 0.02$.

■ Marking

Marking	S9
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