

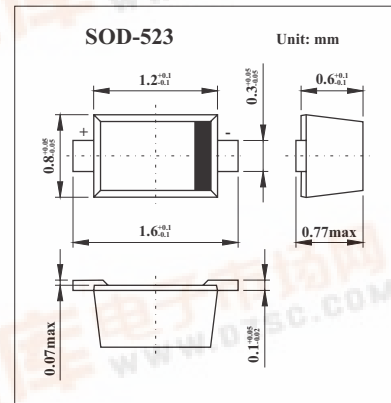
SMD Type Diodes

## 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	$\mu\text{ A}$
diodes capacitance	$C_d$	$V_R = 0\text{ V}$ , $f = 1\text{ MHz}$	0.6	pF

Note

1. Pulse test: pulse width =  $300\ \mu\text{ s}$ ,  $\delta = 0.02$ .

■ Marking

Marking	S9
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