

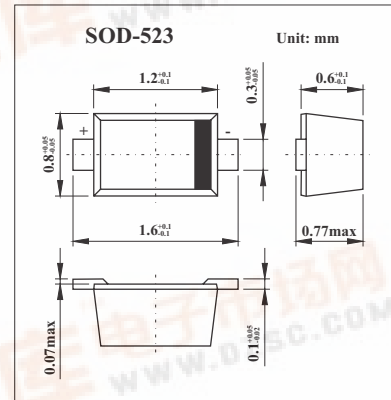
SMD Type Diodes

Schottky barrier diodes

1PS79SB63

■ Features

- Very low diode capacitance
- Very low forward voltage
- Ultra small SMD plastic packages.



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Min	Typ	Max	Unit
Continuous reverse voltage	V _R			5	V
Continuous forward current	I _F			20	mA
Junction temperature	T _j		0.5	125	°C
Ambient temperature	T _{amb}	-65		+125	°C
Storage temperature	T _{stg}	-65		+150	°C
Thermal resistance from junction to ambient	R _{th(j-a)}			450	K/W

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F = 0.1 mA		160	200	mV
		I _F = 1 mA		240	300	
Reverse current	I _R	V _R = 1 V		0.4	1	μ A
		V _R = 5 V			50	
Diode capacitance	C _d	V _R = 0 V; f = 1 MHz		0.35	0.5	pF
Series inductance	L _s			0.6		nH

Note

1.Pulse test: t_p ≤ 300 μ s; δ ≤ 0.02.

■ Marking

Marking	T1
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