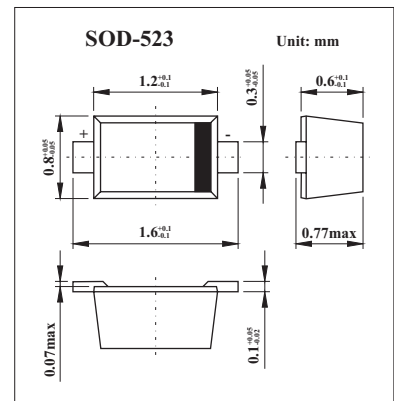


Schottky barrier diode

RB520S-30

■ Features

- Ultra Small mold type.(EMD2)
- Low I_R .
- High reliability.

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

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	30	V
Average rectified forward current	I_o	200	mA
Forward current surge peak (60Hz.1cyc)	I_{FSM}	1	A
Junction temperature	T_j	150	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +125	$^\circ\text{C}$

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 2\text{ mA}$			0.6	V
Reverse current	I_R	$V_R = 10\text{ V}$			1	$\mu\text{ A}$

■ Marking

Marking	B
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