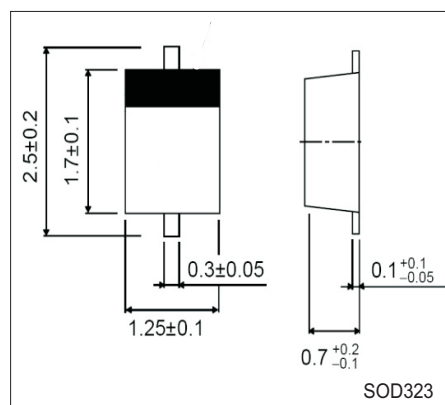


Schottky Diodes

KB550V-30(RB550V-30)

■ Features

- Low V_F , Low I_R
- High reliability



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

Parameter	Symbol	Rating	Unit
Peak reverse voltage	V_{RM}	30	V
DC reverse voltage	V_R	30	V
Mean rectifying current	I_O	1.0	A
Peak forward surge current	I_{FSM}	3	A
Junction temperature	T_j	150	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +150	$^\circ\text{C}$

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

Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 700\text{mA}$ $I_F = 1.0\text{A}$		0.45 0.48	0.49 0.52	V
Reverse current	I_R	$V_R = 10\text{V}$		1	30	μA

■ Marking

Marking	SJ
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KB550V-30(RB550V-30)

■ Typical Characteristics

