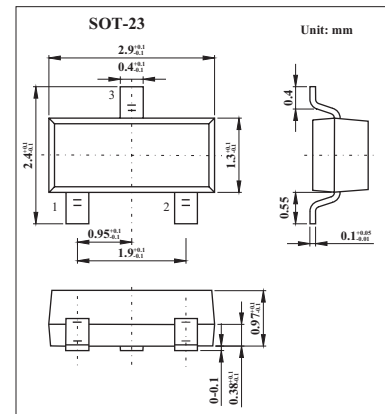


Schottky barrier diode

RB495D

■ Features

- Small surface mounting type.(SMD3)
- Two diodes with common cathode for excellent installation efficiency.
- High reliability.

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

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V_{RM}	40	V
DC reverse voltage	V_R	25	V
Mean rectifying current *1	I_o	0.4	A
Peak forward surge current *2	I_{FSM}	2	A
Junction temperature	T_j	125	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to + 125	$^\circ\text{C}$
Operating temperture	T_{opr}	-30 to + 85	$^\circ\text{C}$

*1 Mean output current per element: $I_o / 2$

*2 60 Hz for 1 ∞

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 10 \text{ mA}$			0.3	V
		$I_F = 200 \text{ mA}$			0.5	V
Reverse current	I_R	$V_R = 25 \text{ V}$			70	μA

■ Marking

Marking	D3Q
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