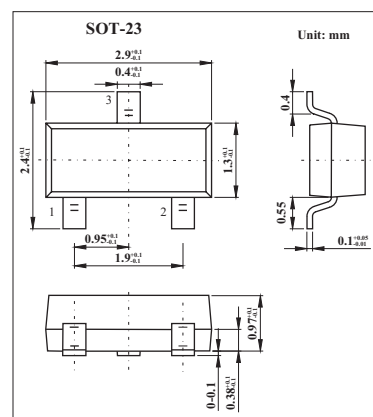


Schottky barrier diode

RB705D

■ Features

- Small surface mounting type.(SMD3)
- Low reverse current and low forward voltage.
- Multiple diodes with common cathode configuration

■ 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	40	V
Mean rectifying current	I_O	30	mA
Peak forward surge current *	I_{FSM}	200	mA
Junction temperature	T_j	125	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to + 125	$^\circ\text{C}$

* 60 Hz for 1 ∞

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 1 \text{ mA}$			0.37	V
Reverse current	I_R	$V_R = 10 \text{ V}$			1	μA
Capacitance between terminals	C_T	$V_R = 1 \text{ V}, f = 1 \text{ MHz}$		2		pF

■ Marking

Marking	D3H
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