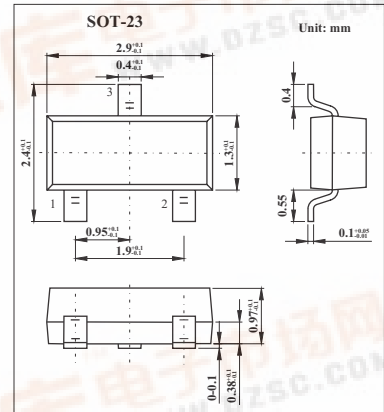


SMD Type Diodes

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 Ta = 25 °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	°C
Storage temperature	T _{stg}	-40 to + 125	°C

* 60 Hz for 1 ∞

Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F = 1 mA			0.37	V
Reverse current	I _R	V _R = 10 V			1	μ A
Capacitance between terminals	C _T	V _R = 1 V, f = 1 MHz		2		pF

Marking

Marking	D3H
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