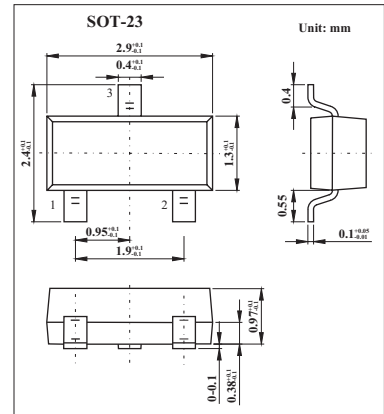


RB425D

■ **Features**

- Small mold type.(SMD3)
- Low IR.
- High reliability.



■ **Absolute Maximum Ratings** Ta = 25°C

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	40	V
DC reverse voltage	V _R	40	V
Average rectified forward current *	I _o	100	mA
Forward current surge peak (60 Hz 1cyc) *	I _{FSM}	1	A
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-40 to + 125	°C

* Rating of per diode

■ **Electrical Characteristics** Ta = 25°C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F = 100 mA			0.55	V
		I _F = 10 mA			0.34	V
Reverse current	I _R	V _R = 10 V			30	μ A
Capacitance between terminals	C _T	V _R = 10 V, f = 1.0 MHz		6.0		pF

■ **Marking**

Marking	D3L
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