



JIANGSU CHANGJIANG ELECTRONICS TECHNOLOGY CO., LTD

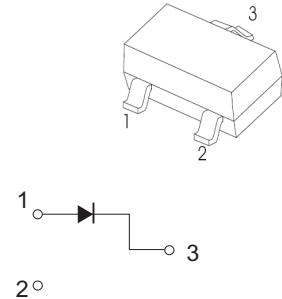
SOT-23 Plastic-Encapsulate Diodes

RB491D Schottky Barrier Diode

FEATURES

- Small surface mounting type
- Low reverse current and low forward voltage
- High reliability

SOT-23



Marking: D2E

Maximum Ratings and Electrical Characteristics, Single Diode @Ta=25°C

Parameter	Symbol	Limit	Unit
Peak reverse voltage	V_{RM}	25	V
DC reverse voltage	V_R	20	V
Mean rectifying current	I_F	1	A
Peak forward surge current	I_{FSM}	3	A
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55~+150	°C

Electrical Ratings @Ta=25°C

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_F			0.45	V	$I_F=1A$
Reverse current	I_R			200	μA	$V_R=20V$