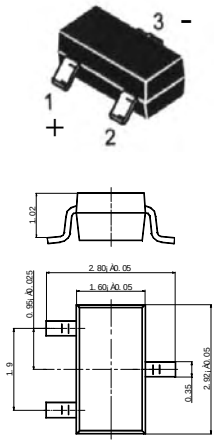
SOT-23-3L



RB421D Schottky barrier Diodes

FEATURES

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

Marking: D3C

Maximum Ratings and Electrical Characteristics, Single Diode @T_A=25℃

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V_{RM}	40	V
DC reverse voltage	V_R	40	V
Mean rectifying current	I_O	100	mA
Peak forward surge current	I_{FSM}	1	A
Junction temperature	T_j	125	℃
Storage temperature	T_{stg}	-40~+125	℃

Electrical Ratings @T_A=25℃

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_{F1}			0.55	V	I_F=100mA
	V_{F2}			0.34	V	I_F=10mA
Reverse current	I_R			30	μA	V_R=10V
Capacitance between terminals	C_T		6		pF	V_R=10V, f=1MHZ

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