

200V 10A Bridge Diode

RBV-4102

Absolute maximum ratings

| Parameter | Ratings | Unit | Conditions |
|-------------|-------------|------|--------------------------------------|
| V_{RSM} | 250 | V | |
| V_{RM} | 200 | V | |
| $I_{F(AV)}$ | 10 | A | |
| I_{FSM} | 80 | A | 50Hz Half-cycle sinewave Single Shot |
| T_j | -40 to +150 | °C | |
| T_{stg} | -40 to +150 | °C | |

Electrical characteristics

| Parameter | Ratings | Unit | Conditions |
|---------------|---------|---------------|--------------------------------------------------------|
| V_F | 1.1max | V | $T_j=25^\circ\text{C}$, $I_F=5\text{A}$, per element |
| I_R | 10max | μA | $T_j=25^\circ\text{C}$, $V_R=V_{RM}$, per element |
| H.I.R | 100max | μA | $T_j=150^\circ\text{C}$, $V_R=V_{RM}$, per element |
| $R_{th(j-c)}$ | 2.0max | °C/W | Junction to Case |

