

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

