

4-1 Rectifier Diodes

●Bridge

V _{RM} (V)	I _F (AV) (A) <small>Values in parentheses are for the products with heatsinks</small>	Package	Part Number	I _{FSM} (A)	T _J (°C)	T _{stg} (°C)	V _F (V) max	I _F (A)	I _R (μA)	I _{R(H)} (μA)	T _a (°C)	R _{th(j-l)} R _{th(j-c)} (°C/W)	Mass (g)
				50Hz Single Half Sine Wave					V _{R=V_{RM}} max	V _{R=V_{RM}} max			
100	6.0	RBV-60	RBV-601	120	-40 to +150	1.00	3.0	10	100	100	3.0	6.45	
200	6.0	RBV-60	RBV-602L ^{*1}	100	-40 to +150	1.00	3.0	250	1000	100	3.0	6.45	
	6.0	RBV-60	RBV-602	120	-40 to +150	1.00	3.0	10	100	100	3.0	6.45	
400	6.0	RBV-60	RBV-604	120	-40 to +150	1.05	3.0	10	100	100	3.0	6.45	
600	6.0	RBV-60	RBV-606	120	-40 to +150	1.05	3.0	10	100	100	3.0	6.45	
	13	RBV-60	RBV-1306	80	-40 to +150	1.20	6.5	10	100	100	1.5	6.45	
	15	RBV-60	RBV-1506S	150	-40 to +150	1.10	7.5	10	200	100	1.5	6.45	
	15	RBV-60	RBV-1506J	150	-40 to +175	1.10	7.5	10	200	150	1.5	6.45	
	15	RBV-60	RBV-1506	200	-40 to +150	1.05	7.5	50	200	100	1.5	6.45	
	25	RBV-60	RBV-2506	350	-40 to +150	1.05	12.5	50	200	100	1.5	6.45	
	30	RBV-60	RBV-3006	400	-40 to +150	0.96	15	50	500	150	1.5	6.45	
800	6.0	RBV-60	RBV-608	170	-40 to +150	0.95	3.0	10	100	100	3.0	6.45	
1000	15	RBV-60	RBV-150C	200	-40 to +150	1.05	7.5	50	200	100	1.5	6.45	

*1: Ultrafast recovery diode (trr=50ns)

• No. 13 Axial ($\phi 4.0/\phi 0.78$)



• No. 14 Axial ($\phi 4.0/\phi 0.98$)



• No. 15 Axial ($\phi 5.2/\phi 1.2$)



• No. 16 Axial ($\phi 6.5/\phi 1.4$)



• No. 17 TO-220F (Two Elements)



a: Part Number
b: Polarity
c: Lot No.

• No. 18 TO-220F (Center-tap)



a: Part Number
b: Polarity
c: Lot No.

• No. 19 TO-220F2Pin



• No. 20 TO-220F2Pin (Two Elements)



• No. 21 TO-3PF



a: Part Number
b: Lot No.

• No. 22 TO-3PF2Pin



a: Part Number
b: Polarity
c: Lot No.

• No. 23 RBV-60

