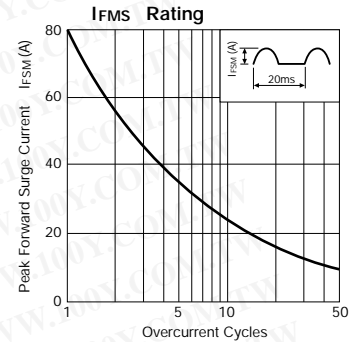
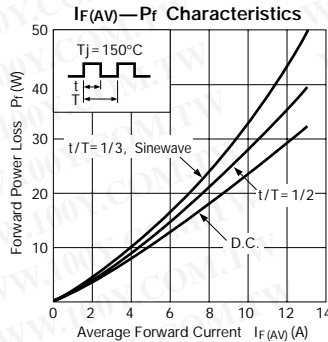
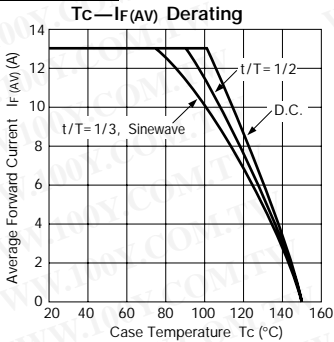


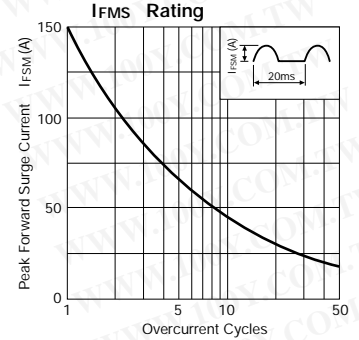
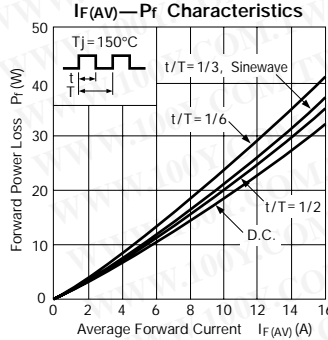
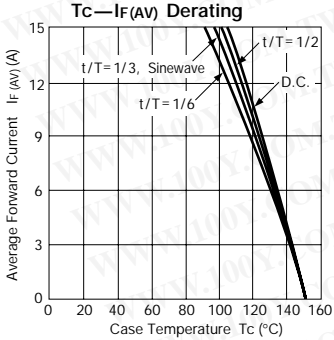
Bridge Diodes

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)				Others	
	V _{RM} (V)	I _{F(AV)} (A) With Heatsink	I _{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	T _J (°C)	T _{stg} (°C)	V _F (V) max per element	I _R (μA) V _R =V _{RM} max per element	I _{R(H)} (μA) V _R =V _{RM} , T _J =100°C max per element	R _{th(j-c)} (°C/W)	Mass (g)	Fig.
RBV-1306	600	13	80	-40 to +150		1.2	6.5	10	1.5	6.45	Ⓐ
RBV-1506S		15	150			1.1	7.5				
RBV-1506		200	1.05			50					
RBV-2506		25	350			12.5	200				

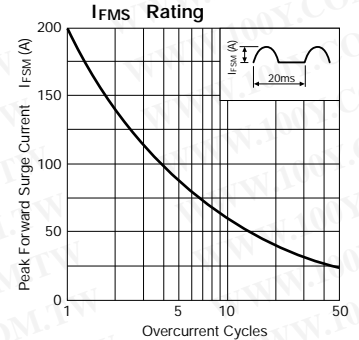
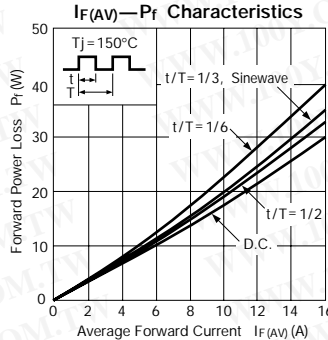
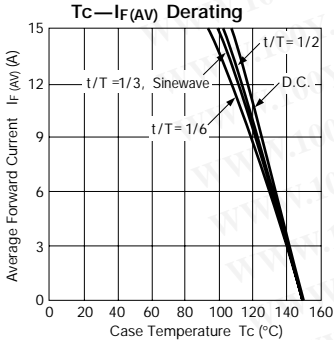
RBV-1306



RBV-1506S



RBV-1506

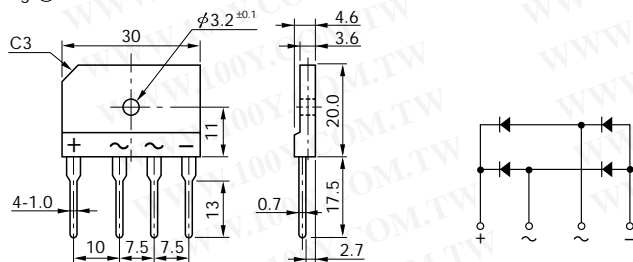


External Dimensions

(Unit: mm)

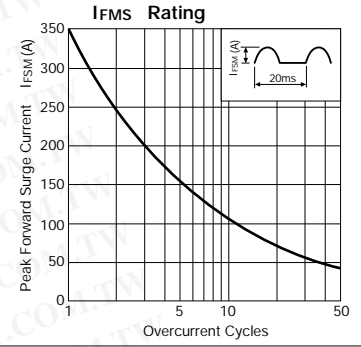
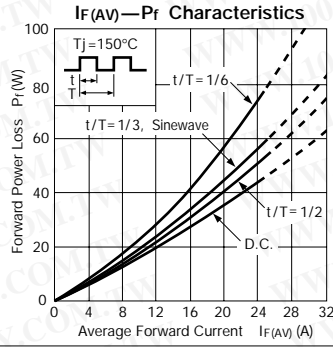
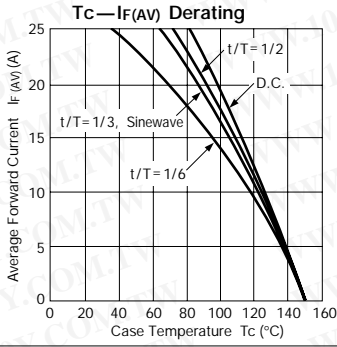
Flammability:
UL94V-0 or Equivalent

Fig. Ⓐ



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

RBV-2506



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

4-1 Rectifier Diodes

V _{RM} (V)	I _F (AV) (A) <small>Values in parentheses are for the products with heatsinks</small>	Package Axial <small>(Body Diameter/Lead Diameter)</small>	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			
1000	0.8	Axial(φ4.0/φ0.78)	RM 1C	40	-40 to +150	1.2	1.0	5	50	100	15	0.4	
	1.0	Axial(φ2.7/φ0.78)	EM 1C	35	-40 to +150	0.97	1.0	20	100	100	17	0.3	
	1.2	Axial(φ4.0/φ0.98)	RO 2C	80	-40 to +150	0.92	1.5	10	50	100	12	0.61	
	1.2	Axial(φ4.0/φ0.78)	RM 11C	100	-40 to +150	0.92	1.5	10	50	100	15	0.4	
	1.2	Axial(φ4.0/φ0.98)	RM 2C	100	-40 to +150	0.91	1.5	10	50	100	12	0.6	
	2.0	Axial(φ5.2/φ1.2)	RM 3C	150	-40 to +150	0.95	2.5	10	100	150	10	1.0	
	1.7(3.0)	Axial(φ6.5/φ1.4)	RM 4C	150	-40 to +150	0.95	3.0	10	50	100	8	1.2	

● 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			
60	4.0	RBV-40	RBV-406B*1	40	-40 to +150	0.62	2.0	2	55	150	5	4.25	
100	4.0	RBV-40	RBV-401	80	-40 to +150	1.05	2.0	10	100	100	5.0	4.05	
	6.0	RBV-60	RBV-601	120	-40 to +150	1.00	3.0	10	100	100	3.0	6.45	
200	4.0	RBV-40	RBV-402	80	-40 to +150	1.05	2.0	10	100	100	5.0	4.05	
	4.0	RBV-40	RBV-402L*2	80	-40 to +150	0.98	2.0	50	100	100	5.0	4.05	
	6.0	RBV-60	RBV-602L*3	100	-40 to +150	1.0	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	10	RBV-40	RBV-4102	80	-40 to +150	1.1	5.0	10	100	150(Tj)	2.0	4.05	
	4.0	RBV-40	RBV-404	80	-40 to +150	1.10	2.0	10	100	100	5.0	4.05	
600	6.0	RBV-60	RBV-604	120	-40 to +150	1.05	3.0	10	100	100	3.0	6.45	
	4.0	RBV-40	RBV-406	80	-40 to +150	1.10	2.0	10	100	100	5.0	4.05	
	4.0	RBV-40	RBV-406H	120	-40 to +150	0.92	2.0	10	100	100	5.0	4.05	
	4.0	RBV-40	RBV-406M	120	-40 to +150	1.00	2.0	10	100	100	5.0	4.05	
	6.0	RBV-60	RBV-606	120	-40 to +150	1.05	3.0	10	100	100	3.0	6.45	
	6.0	RBV-60	RBV-606H	140	-40 to +150	1.05	3.0	10	200	100	3.0	6.45	
	10	RBV-40	RBV-4106M	120	-40 to +150	1.00	5.0	10	100	100	2.0	4.05	
	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 +150	1.10	7.5	10	200	150(Tj)	1.5	6.45	
800	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	
1000	4.0	RBV-40	RBV-408	100	-40 to +150	1.00	2.0	10	50	100	5.0	4.05	
	6.0	RBV-60	RBV-608	170	-40 to +150	0.95	3.0	10	100	100	3.0	6.45	
1000	4.0	RBV-40	RBV-40C	100	-40 to +150	1.00	2.0	10	50	100	5.0	4.05	
	15	RBV-60	RBV-150C	200	-40 to +150	1.05	7.5	50	200	100(Tj)	1.5	6.45	

*1: Schottky barrier diode

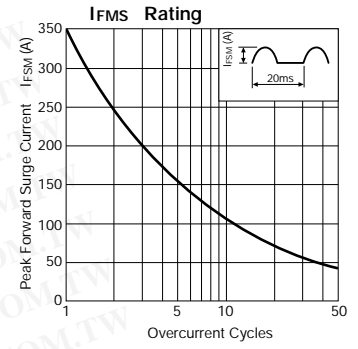
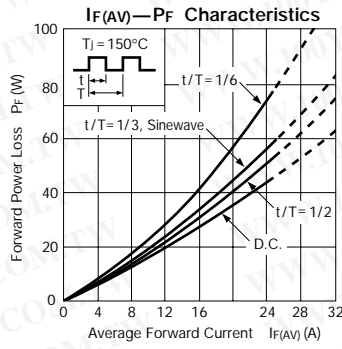
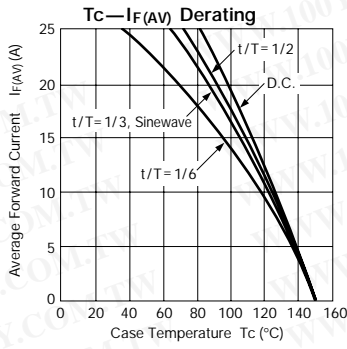
*2: Ultrafast recovery diode (trr=40ns)

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

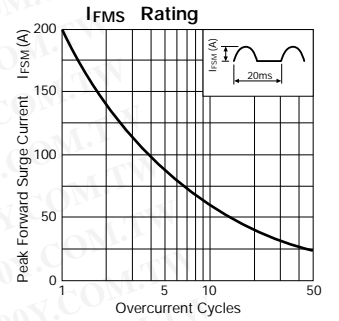
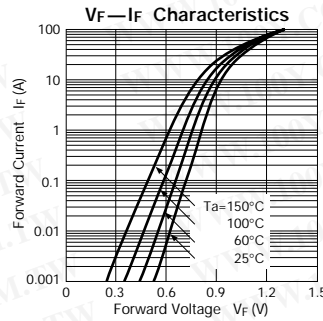
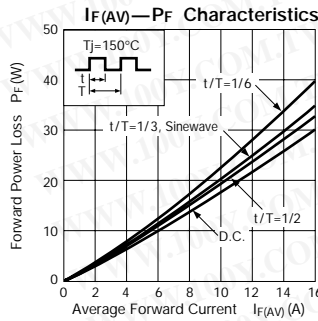
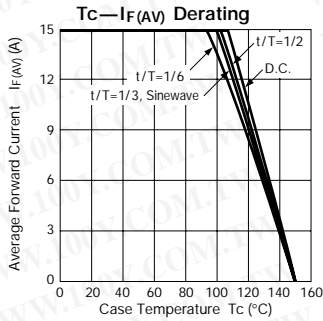
勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Characteristic Curves Rectifier Diodes

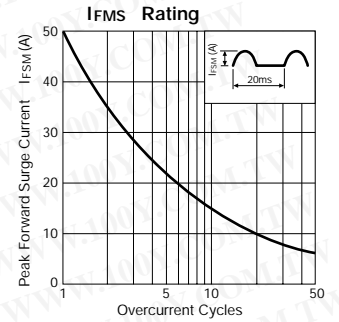
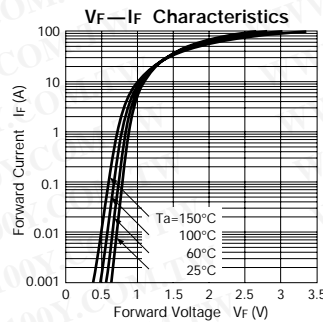
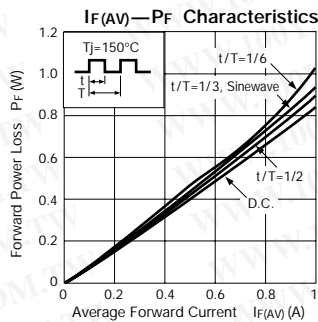
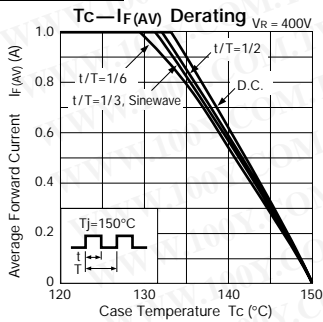
RBV-2506



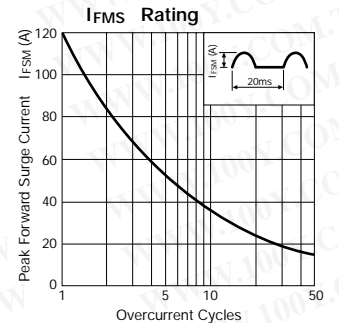
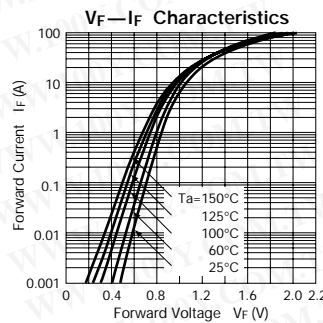
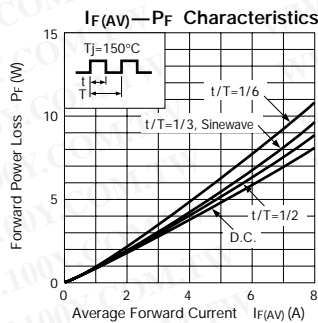
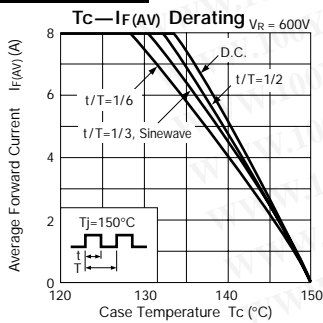
RBV-150C Under development



SFPM-74



RBV-4086H



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)