
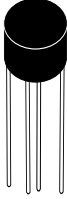
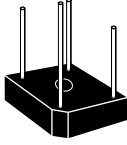


Bridge Rectifiers, Fast Recovery

Single Phase, Full Wave

1.0 to 35 Amperes

100 to 1000 Volts

I_O (AMPS)	1.0	1.5	2.0	3.0
@ T_A (°C)	50	50	55	2.0 @ 25
@ T_C (°C)				3.0 @ 50
I_{FSM} (AMPS)	50	50	60	50
CASE	 DIP	 CASE A		 CASE C
V_{RRM} (VOLTS)				
100	CBR1F-D010	CBR1F-010	CBR2F-010	CBR3F-P010
200	CBR1F-D020	CBR1F-020	CBR2F-020	CBR3F-P020
400	CBR1F-D040	CBR1F-040	CBR2F-040	CBR3F-P040
600	CBR1F-D060	CBR1F-060	CBR2F-060	CBR3F-P060
800	CBR1F-D080	CBR1F-080	CBR2F-080	CBR3F-P080
1000	CBR1F-D100	CBR1F-100	CBR2F-100	CBR3F-P100

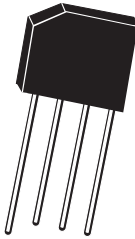
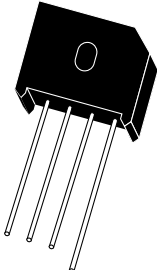
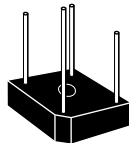
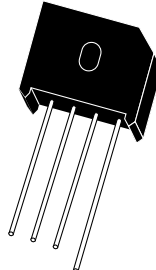
V_F MAX @ I_F	1.3V @ 1.0A	1.3V @ 1.0A	1.3V @ 2.0A	1.3V @ 1.5A
I_R MAX @ V_{RRM}	10 μ A	10 μ A	10 μ A	10 μ A
t_{rr} (100V thru 400V)	200ns	200ns	200ns	200ns
t_{rr} (600V thru 800V)	300ns	300ns	300ns	300ns
t_{rr} (1000V)	500ns	500ns	500ns	500ns

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Bridge Rectifiers, Fast Recovery

(Continued)

I_O (AMPS)	4.0		6.0		8.0
@ T_A (°C)	50	4.0 @ 25	50	50	50
@ T_C (°C)		8.0 @ 100	100	50	100
I_{FSM} (AMPS)	200	300	150	250	300
CASE	 CASE D	 CASE DM	 CASE CM	 CASE DM	
V_{RRM} (VOLTS)					
100	CBR4F-L010	CBR4MF-L010	CBR6F-010	CBR6MF-L010	CBR8MF-L010
200	CBR4F-L020	CBR4MF-L020	CBR6F-020	CBR6MF-L020	CBR8MF-L020
400	CBR4F-L040	CBR4MF-L040	CBR6F-040	CBR6MF-L040	CBR8MF-L040
600	CBR4F-L060	CBR4MF-L060	CBR6F-060	CBR6MF-L060	CBR8MF-L060
800	CBR4F-L080	CBR4MF-L080	CBR6F-080	CBR6MF-L080	CBR8MF-L080
1000	CBR4F-L100	CBR4MF-L100	CBR6F-100	CBR6MF-L100	CBR8MF-L100

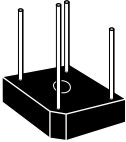
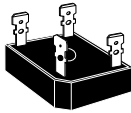
V_F MAX @ I_F	1.3V @ 3.0A	1.3V @ 2.0A	1.3V @ 3.0A	1.3V @ 3.0A	1.3V @ 4.0A
I_R MAX @ V_{RRM}	10 μ A	10 μ A	10 μ A	10 μ A	10 μ A
t_{rr} (100V thru 400V)	200ns	200ns	200ns	200ns	200ns
t_{rr} (600V thru 800V)	300ns	300ns	300ns	300ns	300ns
t_{rr} (1000V)	500ns	500ns	500ns	500ns	500ns

(6-December 2004)

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Bridge Rectifiers, Fast Recovery

(Continued)

I_O (AMPS)	10		25	35
@ T_A (°C)				
@ T_C (°C)	100	60	60	60
I_{FSM} (AMPS)	150	300	350	400
CASE				
V_{RRM} (VOLTS)				
100	CBR10F-J010	CBR10F-010P	CBR25F-010P	CBR35F-010P
200	CBR10F-J020	CBR10F-020P	CBR25F-020P	CBR35F-020P
400	CBR10F-J040	CBR10F-040P	CBR25F-040P	CBR35F-040P
600	CBR10F-J060	CBR10F-060P	CBR25F-060P	CBR35F-060P
800	CBR10F-J080			
1000	CBR10F-J100			

V_F MAX @ I_F	1.3V @ 5.0A	1.3V @ 5.0A	1.3V @ 12.5A	1.3V @ 17.5A
I_R MAX @ V_{RRM}	10 μ A	10 μ A	10 μ A	10 μ A
t_{rr} (100V thru 400V)	200ns	200ns	200ns	200ns
t_{rr} (600V thru 800V)	300ns	300ns	300ns	300ns
t_{rr} (1000V)	500ns			