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Single-Phase Bridge Rectifiers

UL File E127707

Operating Temperature Range -55°C to +125°C
 Storage Temperature Range -55°C to +150°C

TYPE	Maximum Repetitive Peak Reverse Voltage	Maximum Average Forward Rectified Current @ TA		Peak Forward Surge Current 8.3ms single half Sine-wave Superimposed on rated load	Maximum DC Reverse Current @VRRM @25°C TA	Maximum Forward Voltage @ If	
	VRRM V	Io(AV) A	°C	IFSM A	Ir µA	If A	Vf V

6.0 Amperes / BR-6

UL Recognized

Figure on P. 100 (Case 31)



BR605	50	6.0	50	125	5.0	3.0	1.0
BR61	100	6.0	50	125	5.0	3.0	1.0
BR62	200	6.0	50	125	5.0	3.0	1.0
BR64	400	6.0	50	125	5.0	3.0	1.0
BR66	600	6.0	50	125	5.0	3.0	1.0
BR68	800	6.0	50	125	5.0	3.0	1.0
BR610	1000	6.0	50	125	5.0	3.0	1.0
KBPC6005	50	6.0	50	125	5.0	3.0	1.0
KBPC601	100	6.0	50	125	5.0	3.0	1.0
KBPC602	200	6.0	50	125	5.0	3.0	1.0
KBPC604	400	6.0	50	125	5.0	3.0	1.0
KBPC606	600	6.0	50	125	5.0	3.0	1.0
KBPC608	800	6.0	50	125	5.0	3.0	1.0
KBPC610	1000	6.0	50	125	5.0	3.0	1.0

8.0 Amperes / BR-10

UL Recognized

Figure on P. 100 (Case 32)



BR805	50	8.0	50	125	5.0	4.0	1.1
BR81	100	8.0	50	125	5.0	4.0	1.1
BR82	200	8.0	50	125	5.0	4.0	1.1
BR84	400	8.0	50	125	5.0	4.0	1.1
BR86	600	8.0	50	125	5.0	4.0	1.1
BR88	800	8.0	50	125	5.0	4.0	1.1
BR810	1000	8.0	50	125	5.0	4.0	1.1
KBPC8005	50	8.0	50	125	5.0	4.0	1.1
KBPC801	100	8.0	50	125	5.0	4.0	1.1
KBPC802	200	8.0	50	125	5.0	4.0	1.1
KBPC804	400	8.0	50	125	5.0	4.0	1.1
KBPC806	600	8.0	50	125	5.0	4.0	1.1
KBPC808	800	8.0	50	125	5.0	4.0	1.1
KBPC810	1000	8.0	50	125	5.0	4.0	1.1

10 Amperes / BR-10

UL Recognized

Figure on P. 100 (Case 32)



BR1005	50	10	50	150	5.0	5.0	1.1
BR101	100	10	50	150	5.0	5.0	1.1
BR102	200	10	50	150	5.0	5.0	1.1
BR104	400	10	50	150	5.0	5.0	1.1
BR106	600	10	50	150	5.0	5.0	1.1
BR108	800	10	50	150	5.0	5.0	1.1
BR1010	1000	10	50	150	5.0	5.0	1.1

10 Amperes / BRS-10

Figure on P. 100 (Case 32)



BRS1005	50	10	55	150	5.0	5.0	1.1
BRS101	100	10	55	150	5.0	5.0	1.1
BRS102	200	10	55	150	5.0	5.0	1.1
BRS104	400	10	55	150	5.0	5.0	1.1
BRS106	600	10	55	150	5.0	5.0	1.1
BRS108	800	10	55	150	5.0	5.0	1.1
BRS1010	1000	10	55	150	5.0	5.0	1.1