

**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
ABS2	200	0.8/1.0	30	0.4	0.95	10	150	62.5	-55~+150	ABS
ABS4	400	0.8/1.0	30	0.4	0.95	10	150	62.5	-55~+150	ABS
ABS6	600	0.8/1.0	30	0.4	0.95	10	150	62.5	-55~+150	ABS
ABS8	800	0.8/1.0	30	0.4	0.95	10	150	62.5	-55~+150	ABS
ABS10	1000	0.8/1.0	30	0.4	0.95	10	150	62.5	-55~+150	ABS
MB2S	200	0.5/0.8	30	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBS
MB4S	400	0.5/0.8	30	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBS
MB6S	600	0.5/0.8	30	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBS
MB8S	800	0.5/0.8	30	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBS
MB10S	1000	0.5/0.8	30	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBS
MBSK12S	20	1.0	30	1.0	0.55	400	1000	26	-55~+150	MBS
MBSK13S	30	1.0	30	1.0	0.55	400	1000	26	-55~+150	MBS
MBSK14S	40	1.0	30	1.0	0.55	400	1000	26	-55~+150	MBS
MB2M	200	0.5/0.8	35	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBM
MB4M	400	0.5/0.8	35	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBM
MB6M	600	0.5/0.8	35	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBM
MB8M	800	0.5/0.8	35	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBM
MB10M	1000	0.5/0.8	35	0.4	1.0	5.0	100 <sup>1)</sup>	85	-55~+150	MBM
DB101/DF005	50	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB102/DF01	100	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB103/DF02	200	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB104/DF04	400	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB105/DF06	600	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB106/DF08	800	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB107/DF10	1000	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DB
DB101S/DF005S	50	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DBS
DB102S/DF01S	100	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DBS
DB103S/DF02S	200	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DBS
DB104S/DF04S	400	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DBS
DB105S/DF06S	600	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DBS
DB106S/DF08S	800	1.0	35	1.0	1.1	10	500 <sup>1)</sup>	40	-55~+150	DBS

Note: 1)TA=125°C

Note: Specifications are subject to change without notice.

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
DB103G	200	1.0	60	1.0	1.1	10	500	40	-55~+150	DB
DB104G	400	1.0	60	1.0	1.1	10	500	40	-55~+150	DB
DB105G	600	1.0	60	1.0	1.1	10	500	40	-55~+150	DB
DB106G	800	1.0	60	1.0	1.1	10	500	40	-55~+150	DB
DB107G	1000	1.0	60	1.0	1.1	10	500	40	-55~+150	DB
DB151	50	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB152	100	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB153	200	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB154	400	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB155	600	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB156	800	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB157	1000	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DB
DB151S	50	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DBS
DB152S	100	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DBS
DB153S	200	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DBS
DB154S	400	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DBS
DB155S	600	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DBS
DB156S	800	1.5	60	1.5	1.1	5.0	500 <sup>D)</sup>	40	-55~+150	DBS
DB157S	1000	1.5	60	1.5	1.1	5.0	500	40	-55~+150	DBS
W005	50	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
W01	100	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
W02	200	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
W04	400	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
W06	600	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
W08	800	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
W10	1000	1.0	30	1.5	1.0	10	500	36	-55~+125	WOB
RB151	50	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB
RB152	100	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB
RB153	200	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB
RB154	400	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB
RB155	600	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB

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	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
RB156	800	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB
RB157	1000	1.5	35	1.0	1.0	10	500	36	-55~+125	WOB
2W005	50	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
2W01	100	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
2W02	200	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
2W04	400	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
2W06	600	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
2W08	800	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
2W10	1000	2.0	35	2.0	1.1	10	500	40	-55~+125	WOB
KBP2005	50	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP201	100	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP202	200	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP204	400	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP206	600	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP208	800	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP210	1000	2.0	35	2.0	1.1	10	500 <sup>1)</sup>	25	-55~+150	KBP
KBP2005G	50	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP201G	100	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP202G	200	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP204G	400	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP206G	600	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP208G	800	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP210G	1000	2.0	60	2.0	1.1	10	500	25	-55~+150	KBP
KBP3005	50	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBP301	100	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBP302	200	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBP304	400	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBP306	600	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBP308	800	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBP310	1000	3.0	60	3.0	1.1	10	500 <sup>1)</sup>	30	-55~+150	KBP
KBL4005	50	4.0	120	2.0/4.0	1.0/1.1	10	500	2.4	-55~+150	KBL

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	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
KBL401	100	4.0	120	2.0/4.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL402	200	4.0	120	2.0/4.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL404	400	4.0	120	2.0/4.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL406	600	4.0	120	2.0/4.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL408	800	4.0	120	2.0/4.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL410	1000	4.0	120	2.0/4.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL6005	50	6.0	135	3.0/6.0	1.0/1.1	10	500 <sup>2)</sup>	2.4	-55~+150	KBL
KBL601	100	6.0	135	3.0/6.0	1.0/1.1	10	500	2.4	-55~+150	KBL
KBL602	200	6.0	135	3.0/6.0	1.0/1.1	10	500	2.4	-55~+150	KBL
KBL604	400	6.0	135	3.0/6.0	1.0/1.1	10	500	2.4	-55~+150	KBL
KBL606	600	6.0	135	3.0/6.0	1.0/1.1	10	500	2.4	-55~+150	KBL
KBL608	800	6.0	135	3.0/6.0	1.0/1.1	10	500	2.4	-55~+150	KBL
KBL610	1000	6.0	135	3.0/6.0	1.0/1.1	10	500	2.4	-55~+150	KBL
KBU4005	50	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU401	100	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU402	200	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU404	400	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU406	600	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU408	800	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU410	1000	4.0	135	2.0/4.0	1.0/1.1	10	500	4.0	-55~+150	KBU
KBU6005	50	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU601	100	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU602	200	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU604	400	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU606	600	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU608	800	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU610	1000	6.0	135	3.0/6.0	1.0/1.1	10	500	3.1	-55~+150	KBU
KBU8005	50	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU
KBU801	100	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU
KBU802	200	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU
KBU804	400	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU

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	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
KBU806	600	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU
KBU808	800	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU
KBU810	1000	8.0	135	4.0/8.0	1.0/1.1	10	500	3.0	-55~+150	KBU
KBU10005	50	10.0	150	5.0/10	1.0/1.1	10	500	2.2	-55~+150	KBU
KBU1001	100	10.0	150	5.0/10	1.0/1.1	10	500	2.2	-55~+150	KBU
KBU1002	200	10.0	150	5.0/10	1.0/1.1	10	500	2.2	-55~+150	KBU
KBU1004	400	10.0	150	5.0/10	1.0/1.1	10	500	2.2	-55~+150	KBU
KBU1006	600	10.0	150	5.0/10	1.0/1.1	10	500	2.2	-55~+150	KBU
KBU1008	800	10.0	150	5.0/10	1.0/1.1	10	500	2.2	-55~+150	KBU
KBU1010	1000	10.0	150	5.0/10	1.0/1.1	10	500 <sup>1)</sup>	2.2	-55~+150	KBU
KBU15005	50	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU1501	100	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU1502	200	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU1504	400	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU1506	600	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU1508	800	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU1510	1000	15.0	200	7.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU25005	50	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU2501	100	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU2502	200	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU2504	400	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU2506	600	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU2508	800	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
KBU2510	1000	25.0	300	12.5	1.1	10	500 <sup>1)</sup>	3.0	-55~+150	KBU
GBP2005	50	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP
GBP201	100	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP
GBP202	200	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP
GBP204	400	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP
GBP206	600	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP
GBP208	800	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP
GBP210	1000	2.0	50	2.0	1.1	10	500	8.0	-55~+150	GBP

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RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
D2UB05	50	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
D2UB10	100	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
D2UB20	200	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
D2UB40	400	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
D2UB60	600	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
D2UB80	800	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
D2UB100	1000	2.0	35	2.0	1.1	5.0	500	3.5	-55~+150	D3K
GBL2005	50	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
GBL201	100	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
GBL202	200	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
GBL204	400	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
GBL206	600	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
GBL208	800	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
GBL210	1000	2.0	60	1.0	1.0	5.0	500	13	-55~+150	GBL
D3UB05	50	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
D3UB10	100	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
D3UB20	200	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
D3UB40	400	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
D3UB60	600	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
D3UB80	800	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
D3UB100	1000	3.0	60	3.0	1.1	5.0	500	15	-55~+150	D3K
GBL4005	50	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
GBL401	100	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
GBL402	200	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
GBL404	400	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
GBL406	600	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
GBL408	800	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
GBL410	1000	4.0	120	2.0/4.0	1.0/1.1	5.0	500	3.5	-55~+150	GBL
D4BU05	50	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K
D4BU10	100	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K
D4BU20	200	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K
D4BU40	400	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
D4BU60	600	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K
D4BU80	800	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K
D4BU100	1000	4.0	120	4.0	1.1	5.0	500	15	-55~+150	D3K
GBU4005	50	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU401	100	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU402	200	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU404	400	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU406	600	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU408	800	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU410	1000	4.0	120	2.0/4.0	1.0/1.1	5.0	500	4.0	-55~+150	GBU
GBU6005	50	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU601	100	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU602	200	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU604	400	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU606	600	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU608	800	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU610	1000	6.0	135	3.0/6.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU8005	50	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU801	100	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU802	200	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU804	400	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU806	600	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU808	800	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU810	1000	8.0	150	4.0/8.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU10005	50	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU1001	100	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU1002	200	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU1004	400	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU1006	600	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU1008	800	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU1010	1000	10.0	150	5.0/10.0	1.0/1.1	5.0	500	2.0	-55~+150	GBU
GBU15005	50	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>o</sub>		Maximum Reverse Current@Rated VRM & T <sub>c</sub>		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	I <sub>o</sub> (A)	IFSM(A)	Rated I <sub>o</sub> (A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	T <sub>j</sub> (°C)	
GBU1501	100	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU1502	200	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU1504	400	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU1506	600	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU1508	800	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU1510	1000	15.0	200	7.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU25005	50	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU2501	100	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU2502	200	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU2504	400	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU2506	600	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU2508	800	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBU2510	1000	25.0	260	12.5	1.1	5.0	500	2.2	-55~+150	GBU
GBJ2005	50	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
GBJ201	100	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
GBJ202	200	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
GBJ204	400	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
GBJ206	600	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
GBJ208	800	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
GBJ210	1000	2.0	50	1.0	1.0	10	1000	10	-55~+150	KBJ2
KBJ4005	50	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
KBJ401	100	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
KBJ402	200	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
KBJ404	400	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
KBJ406	600	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
KBJ408	800	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
KBJ410	1000	4.0	120	4.0	1.0	5.0	500	2.2	-55~+150	KBJ4
GBJ6005	50	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6
GBJ601	100	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6
GBJ602	200	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6
GBJ604	400	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6
GBJ606	600	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>o</sub>		Maximum Reverse Current@Rated VRM & T <sub>c</sub>		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	I <sub>o</sub> (A)	IFSM(A)	Rated I <sub>o</sub> (A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	T <sub>j</sub> (°C)	
GBJ608	800	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6
GBJ610	1000	6.0	135	3.0/6.0	1.0/1.1	5.0	500	1.8	-55~+150	KBJ6
GBJ8005	50	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ801	100	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ802	200	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ804	400	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ806	600	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ808	800	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ810	1000	8.0	135	4.0	1.0	5.0	500	1.6	-55~+150	KBJ6
GBJ10005	50	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ1001	100	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ1002	200	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ1004	400	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ1006	600	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ1008	800	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ1010	1000	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.4	-55~+150	KBJ4
GBJ15005	50	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ1501	100	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ1502	200	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ1504	400	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ1506	600	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ1508	800	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ1510	1000	15.0	200	7.5	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ20005	50	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ2001	100	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ2002	200	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ2004	400	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ2006	600	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ2008	800	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ2010	1000	20.0	240	10	1.1	5.0	500	0.8	-55~+150	KBJ6
GBJ25005	50	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ2501	100	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>o</sub>		Maximum Reverse Current@Rated VRM & T <sub>c</sub>		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	I <sub>o</sub> (A)	IFSM(A)	Rated I <sub>o</sub> (A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	T <sub>j</sub> (°C)	
GBJ2502	200	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ2504	400	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ2506	600	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ2508	800	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ2510	1000	25.0	240	12.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ35005	50	35.0	260	17.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ3501	100	35.0	260	17.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ3502	200	35.0	260	17.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ3504	400	35.0	260	17.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ3506	600	35.0	260	17.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ3508	800	35.0	260	17.5	1.1	5.0	500	0.6	-55~+150	KBJ6
GBJ3510	1000	35.0	260	17.5	1.0/1.1	5.0	500	0.6	-55~+150	KBJ6
KBPC1005	50	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC101	100	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC102	200	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC104	400	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC106	600	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC108	800	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC110	1000	3.0	50	1.5/3.0	1.0/1.1	10.0	500	0.6	-55~+150	KBPC1
KBPC6005	50	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC601	100	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC602	200	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC604	400	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC606	600	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC608	800	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC610	1000	6.0	150	3.0/6.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC6
KBPC8005	50	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC801	100	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC802	200	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC804	400	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC806	600	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC808	800	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
KBPC810	1000	8.0	150	4.0/8.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC10005	50	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC1001	100	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC1002	200	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC1004	400	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC1006	600	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC1008	800	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC1010	1000	10.0	150	5.0/10.0	1.0/1.1	5.0	500	1.5	-55~+125	KBPC8
KBPC15005	50	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1501	100	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1502	200	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1504	400	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1506	600	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1508	800	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1510	1000	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC25005	50	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC2501	100	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC2502	200	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC2504	400	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC2506	600	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC2508	800	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC2510	1000	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC35005	50	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3501	100	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3502	200	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3504	400	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3506	600	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3508	800	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3510	1000	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC50005	50	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5001	100	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5002	200	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
KBPC5004	400	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5006	600	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5008	800	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5010	1000	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1501W	100	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1502W	200	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1504W	400	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1506W	600	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1508W	800	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1510W	1000	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC25005W	50	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2501W	100	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2502W	200	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2504W	400	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2506W	600	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2508W	800	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2510W	1000	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC35005W	50	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3501W	100	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3502W	200	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3504W	400	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3506W	600	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3508W	800	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3510W	1000	35.0	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC50005W	50	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5001W	100	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5002W	200	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5004W	400	50.0	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5006W	600	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5008W	800	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5010W	1000	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
BR15005	50	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
BR1501	100	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR
BR1502	200	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR
BR1504	400	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR
BR1506	600	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR
BR1508	800	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR
BR1510	1000	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR
BR25005	50	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR2501	100	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR2502	200	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR2504	400	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR2506	600	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR2508	800	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR2510	1000	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR
BR35005	50	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR3501	100	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR3502	200	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR3504	400	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR3506	600	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR3508	800	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR3510	1000	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR
BR50005	50	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR5001	100	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR5002	200	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR5004	400	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR5006	600	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR5008	800	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR5010	1000	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR
BR15005W	50	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR1501W	100	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR1502W	200	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR1504W	400	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR1506W	600	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
BR1508W	800	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR1510W	1000	15.0	300	17.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR25005W	50	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR2501W	100	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR2502W	200	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR2504W	400	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR2506W	600	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR2508W	800	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR2510W	1000	25.0	400	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR35005W	50	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR3501W	100	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR3502W	200	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR3504W	400	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR3506W	600	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR3508W	800	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR3510W	1000	35.0	400	7.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR50005W	50	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR5001W	100	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR5002W	200	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR5004W	400	50.0	500	12.5	1.1	5.0	500	1.5	-55~+125	BR-W
BR5006W	600	50.0	500	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR5008W	800	50.0	500	25	1.1	5.0	500	1.5	-55~+125	BR-W
BR5010W	1000	50.0	500	25	1.1	5.0	500	1.5	-55~+125	BR-W
GBPC15005	50	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC1501	100	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC1502	200	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC1504	400	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC1506	600	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC1508	800	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC1510	1000	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC25005	50	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC2501	100	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
GBPC2502	200	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC2504	400	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC2506	600	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC2508	800	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC2510	1000	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC
S25VB10	100	25.0	400	12.5	1.1	10.0	500	1.2	-55~+150	S25VB
S25VB20	200	25.0	400	12.5	1.1	10.0	500	1.2	-55~+150	S25VB
S25VB40	400	25.0	400	12.5	1.1	10.0	500	1.2	-55~+150	S25VB
S25VB60	600	25.0	400	12.5	1.1	10.0	500	1.2	-55~+150	S25VB
S25VB80	800	25.0	400	12.5	1.1	10.0	500	1.2	-55~+150	S25VB
S25VB100	1000	25.0	400	12.5	1.1	10.0	500	1.2	-55~+150	S25VB
GBPC35005	50	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC3501	100	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC3502	200	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC3504	400	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC3506	600	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC3508	800	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC3510	1000	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC50005	50	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC5001	100	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC5002	200	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC5004	400	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC5006	600	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC5008	800	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC5010	1000	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC
GBPC15005W	50	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC1501W	100	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC1502W	200	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC1504W	400	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC1506W	600	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC1508W	800	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC1510W	1000	15.0	300	7.5	1.1	5.0	500	1.5	-55~+150	GBPC-W

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**Kingtronics**®**BRIDGE  
RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
GBPC25005W	50	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC2501W	100	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC2502W	200	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC2504W	400	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC2506W	600	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC2508W	800	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC2510W	1000	25.0	400	12.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC35005W	50	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC3501W	100	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC3502W	200	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC3504W	400	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC3506W	600	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC3508W	800	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC3510W	1000	35.0	400	17.5	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC50005W	50	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC5001W	100	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC5002W	200	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC5004W	400	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC5006W	600	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC5008W	800	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
GBPC5010W	1000	50.0	500	25	1.1	5.0	500	1.5	-55~+150	GBPC-W
BR15005L	50	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR1501L	100	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR1502L	200	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR1504L	400	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR1506L	600	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR1508L	800	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR1510L	1000	15.0	300	7.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR25005L	50	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR2501L	100	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR2502L	200	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR2504L	400	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L

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RECTIFIER**

TYPE NO.	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io		Maximum Reverse Current@Rated VRM & Tc		Typical Thermal Resist.	Operation Temp. Range	Package
	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJL(°C/W)	Tj(°C)	
BR2506L	600	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR2508L	800	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR2510L	1000	25.0	400	12.5	1.1	5.0	500	1.5	-55~+125	BR-L
BR35005L	50	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR3501L	100	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR3502L	200	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR3504L	400	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR3506L	600	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR3508L	800	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR3510L	1000	35.0	400	17.5	1.1	5.0	500	1.4	-55~+125	BR-L
BR50005L	50	50.0	500	25	1.1	5.0	500	1.4	-55~+125	BR-L
BR5001L	100	50.0	500	25	1.1	5.0	500	1.4	-55~+125	BR-L
BR5002L	200	50.0	500	25	1.1	5.0	500	1.4	-55~+125	BR-L
BR5004L	400	50.0	500	25	1.1	5.0	500	1.2	-55~+125	BR-L
BR5006L	600	50.0	500	25	1.1	5.0	500	1.2	-55~+125	BR-L
BR5008L	800	50.0	500	25	1.1	5.0	500	1.2	-55~+125	BR-L
BR5010L	1000	50.0	500	25	1.1	5.0	500	1.2	-55~+125	BR-L
SKBPC25005	50	25.0	360	40	1.2	10	500	1.2	-55~+125	SKBPC
SKBPC2501	100	25.0	360	40	1.2	10	500	1.2	-55~+125	SKBPC
SKBPC2502	200	25.0	360	40	1.2	10	500	1.2	-55~+125	SKBPC
SKBPC2504	400	25.0	360	40	1.2	10	500	1.2	-55~+125	SKBPC
SKBPC2506	600	25.0	360	40	1.2	10	500	1.2	-55~+125	SKBPC
SKBPC2508	800	25.0	360	40	1.2	10	500	1.2	-55~+125	SKBPC
SKBPC2510	1000	25.0	360	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC2512	1200	25.0	360	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC2514	1400	25.0	360	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC2516	1600	25.0	360	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC35005	50	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3501	100	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3502	200	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3504	400	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3506	600	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC

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	VRM(V)	Io(A)	IFSM(A)	Rated Io(A)	VF(V)	IR@25°C IR(uA)	IR@100°C IR(uA)	RθJA/RθJL(°C/W)	Tj(°C)	
SKBPC3508	800	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3510	1000	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3512	1200	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3514	1400	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC
SKBPC3516	1600	35.0	425	40	1.2	10	500	1.5	-55~+125	SKBPC

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