PRODUCT SELECTION GUIDE

Bridge Rectifiers

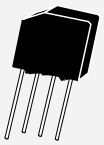
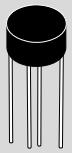
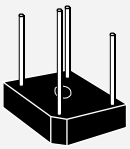
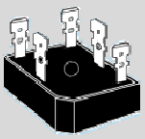
http://www.wontop.com

WON-TOP ELECTRONICS

Contents

Introduction

Constructed with both glass passivated die and silicon open junction die, Won-Top Electronics manufactures a complete portfolio of Bridge Rectifiers which meet the power and case style requirements of almost all electronics equipment. They are low cost and essential for any electronics equipment which requires full wave rectification of an AC power source. Devices are provided in a variety of packages including SMD, Dual In-Line, Single In-Line, Round Type, Square Type, and Three Phase.

SMD		Manufactured in surface mount technology, these bridges are designed for space-saving and automatic assembly applications. They are available from 0.8A to 2A, with voltage range from 50V to 1000V.
Dual In-Line		Dual in-line bridges are manufactured with two leads on each side of the package. Won-Top Electronics offers these bridges in voltage from 50V to 1000V, with current rating from 1A to 2A. This series is UL listed, file number E157705.
Single In-Line		Single in-line bridges are manufactured with four leads in a line. Won-Top Electronics offers the most complete packages for this family with current range of 1.5A to 50A, voltage from 50V to 1600V. They are ideal for power supplies, consumer electronics, computers, and accessories.
Round Type		These bridges are housed in a round plastic case. They are low cost and ideally suited for general purpose applications such as consumer electronics and telecommunications equipment. They are offered at 1.5A with voltage range from 50V to 1000V.
Square Type		These devices are housed in a square epoxy or metal case for optimized thermal resistance and heat dissipation. They are available with current rating of 3A to 50A, in voltage from 50V to 1600V, with fast-on lug or wire lead terminals.
Three Phase		Three phase bridges are ideal for high power industrial equipment and instrumentation applications. Won-Top Electronics offers these bridges in voltage from 50V to 1600V, with current rating of 25A, 35A, and 50A. This series is UL listed, file number E157705.

Devices in **bold** represent new products

Selector Guides

$I_{F(AV)}$ (A)	Package Group					
	SMD	Dual In-Line	Single In-Line	Round Type	Square Type	Three Phase
0.8	B1S – B10S LB1S – LB10S					
1	ABS1 – ABS10 DF005S – DF10S TB1S – TB10S	DF005 – DF10				
1.5	DF150S – DF1510S	DF150 – DF1510	KBP005M – KBP10M KBP150G – KBP1510G	W005G – W10G W005M – W10M		
2	DF200S – DF2010S	DF200 – DF2010	2KBP005M – 2KBP10M D2KB05 – D2KB100 GBJ2A – GBJ2M GBP200 – GBP210 KBP200G – KBP2010G			
3			D3KB05 – D3KB100		KBPC300G – KBPC310G	
3.7			B40C3700/2200 – B500C3700/2200			
4			D4KB05 – D4KB100 GBJ4A – GBJ4M GBL00 – GBL10 GBU4A – GBU4M KBL400G – KBL410G KBU400G – KBU410G			
5			B40C5000/3300 – B500C5000/3300			
6			GBJ6A – GBJ6M GBU6A – GBU6M KBU600G – KBU610G		KBPC600G – KBPC610G	
8			GBJ8A – GBJ8M GBU8A – GBU8M KBU800G – KBU810G		KBPC800G – KBPC810G KBPC800SG – KBPC810SG	
10			GBJ10A – GBJ10M GBPC1000S – GBPC1016S GBU10A – GBU10M KBPC1000S – KBPC1012S KBU1000G – KBU1010G		GBPC1000 – GBPC1016 GBPC1000PS – GBPC1016PS GBPC1000W – GBPC1016W KBPC1000 – KBPC1012 KBPC1000P – KBPC1012P KBPC1000PS – KBPC1012PS KBPC1000PW – KBPC1012PW KBPC1000W – KBPC1012W MP1000G – MP1010G PB1000G – PB1010G PB1000SG – PB1010SG	
12			GBU12A – GBU12M			
15			GBJ15A – GBJ15Q GBPC1500S – GBPC1516S GBU15A – GBU15M KBPC1500S – KBPC1512S		GBPC1500 – GBPC1516 GBPC1500PS – GBPC1516PS GBPC1500W – GBPC1516W KBPC1500 – KBPC1512 KBPC1500P – KBPC1512P KBPC1500PS – KBPC1512PS KBPC1500PW – KBPC1512PW KBPC1500W – KBPC1512W MP1500G – MP1510G	
25			GBJ25A – GBJ25Q GBPC2500S – GBPC2516S GBU25A – GBU25M KBPC2500S – KBPC2512S		GBPC2500 – GBPC2516 GBPC2500PS – GBPC2516PS GBPC2500W – GBPC2516W KBPC2500 – KBPC2512 KBPC2500P – KBPC2512P KBPC2500PS – KBPC2512PS KBPC2500PW – KBPC2512PW KBPC2500W – KBPC2512W	MT2500 – MT2516
35			GBJ35A – GBJ35Q GBPC3500S – GBPC3516S KBPC3500S – KBPC3512S		GBPC3500 – GBPC3516 GBPC3500PS – GBPC3516PS GBPC3500W – GBPC3516W KBPC3500 – KBPC3512 KBPC3500P – KBPC3512P KBPC3500PS – KBPC3512PS KBPC3500PW – KBPC3512PW KBPC3500W – KBPC3512W	MT3500 – MT3516 S30VT60 – S30VT160
40			GBPC4000S – GBPC4016S KBPC4000S – KBPC4012S		GBPC4000 – GBPC4016 GBPC4000PS – GBPC4016PS GBPC4000W – GBPC4016W KBPC4000 – KBPC4012 KBPC4000P – KBPC4012P KBPC4000PS – KBPC4012PS KBPC4000PW – KBPC4012PW KBPC4000W – KBPC4012W	
50			GBPC5000S – GBPC5016S KBPC5000S – KBPC5012S		GBPC5000 – GBPC5016 GBPC5000PS – GBPC5016PS GBPC5000W – GBPC5016W KBPC5000 – KBPC5012 KBPC5000P – KBPC5012P KBPC5000PS – KBPC5012PS KBPC5000PW – KBPC5012PW KBPC5000W – KBPC5012W	S50VT60 – S50VT160
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Bridge Rectifiers

SMD

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
100	0.8	T_A = 40°C	LB1S	1.0 @ 0.4A	5	500	35	150	
200	0.8	T_A = 40°C	LB2S	1.0 @ 0.4A	5	500	35	150	MBL-S
400	0.8	T_A = 40°C	LB4S	1.0 @ 0.4A	5	500	35	150	
600	0.8	T_A = 40°C	LB6S	1.0 @ 0.4A	5	500	35	150	
800	0.8	T_A = 40°C	LB8S	1.0 @ 0.4A	5	500	35	150	
1000	0.8	T_A = 40°C	LB10S	1.0 @ 0.4A	5	500	35	150	
100	0.8	T_A = 40°C	B1S	1.0 @ 0.4A	5	500	35	150	
200	0.8	T_A = 40°C	B2S	1.0 @ 0.4A	5	500	35	150	MB-S
400	0.8	T_A = 40°C	B4S	1.0 @ 0.4A	5	500	35	150	
600	0.8	T_A = 40°C	B6S	1.0 @ 0.4A	5	500	35	150	
800	0.8	T_A = 40°C	B8S	1.0 @ 0.4A	5	500	35	150	
1000	0.8	T_A = 40°C	B10S	1.0 @ 0.4A	5	500	35	150	
100	1	T_A = 25°C	ABS1	1.1 @ 1.0A	5	500	30	150	
200	1	T_A = 25°C	ABS2	1.1 @ 1.0A	5	500	30	150	TB-S Flat
400	1	T_A = 25°C	ABS4	1.1 @ 1.0A	5	500	30	150	
600	1	T_A = 25°C	ABS6	1.1 @ 1.0A	5	500	30	150	
800	1	T_A = 25°C	ABS8	1.1 @ 1.0A	5	500	30	150	
1000	1	T_A = 25°C	ABS10	1.1 @ 1.0A	5	500	30	150	
100	1	T_A = 25°C	TB1S	0.95 @ 0.4A	5	500	30	150	
200	1	T_A = 25°C	TB2S	0.95 @ 0.4A	5	500	30	150	TB-S
400	1	T_A = 25°C	TB4S	0.95 @ 0.4A	5	500	30	150	
600	1	T_A = 25°C	TB6S	0.95 @ 0.4A	5	500	30	150	
800	1	T_A = 25°C	TB8S	0.95 @ 0.4A	5	500	30	150	
1000	1	T_A = 25°C	TB10S	0.95 @ 0.4A	5	500	30	150	
50	1	T_A = 40°C	DF005S	1.1 @ 1.0A	5	500	50	150	
100	1	T_A = 40°C	DF01S	1.1 @ 1.0A	5	500	50	150	
200	1	T_A = 40°C	DF02S	1.1 @ 1.0A	5	500	50	150	
400	1	T_A = 40°C	DF04S	1.1 @ 1.0A	5	500	50	150	
600	1	T_A = 40°C	DF06S	1.1 @ 1.0A	5	500	50	150	
800	1	T_A = 40°C	DF08S	1.1 @ 1.0A	5	500	50	150	
1000	1	T_A = 40°C	DF10S	1.1 @ 1.0A	5	500	50	150	
50	1.5	T_A = 40°C	DF150S	1.1 @ 1.5A	5	500	50	150	DF-S
100	1.5	T_A = 40°C	DF151S	1.1 @ 1.5A	5	500	50	150	
200	1.5	T_A = 40°C	DF152S	1.1 @ 1.5A	5	500	50	150	
400	1.5	T_A = 40°C	DF154S	1.1 @ 1.5A	5	500	50	150	
600	1.5	T_A = 40°C	DF156S	1.1 @ 1.5A	5	500	50	150	
800	1.5	T_A = 40°C	DF158S	1.1 @ 1.5A	5	500	50	150	
1000	1.5	T_A = 40°C	DF1510S	1.1 @ 1.5A	5	500	50	150	
50	2	T_A = 40°C	DF200S	1.1 @ 2.0A	10	500	60	150	
100	2	T_A = 40°C	DF201S	1.1 @ 2.0A	10	500	60	150	
200	2	T_A = 40°C	DF202S	1.1 @ 2.0A	10	500	60	150	
400	2	T_A = 40°C	DF204S	1.1 @ 2.0A	10	500	60	150	
600	2	T_A = 40°C	DF206S	1.1 @ 2.0A	10	500	60	150	
800	2	T_A = 40°C	DF208S	1.1 @ 2.0A	10	500	60	150	
1000	2	T_A = 40°C	DF2010S	1.1 @ 2.0A	10	500	60	150	

Devices in **bold** represent new products

Bridge Rectifiers

Dual In-Line

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	1	T_A = 40°C	DF005	1.1 @ 1.0A	5	500	50	150	
100	1	T_A = 40°C	DF01	1.1 @ 1.0A	5	500	50	150	
200	1	T_A = 40°C	DF02	1.1 @ 1.0A	5	500	50	150	
400	1	T_A = 40°C	DF04	1.1 @ 1.0A	5	500	50	150	
600	1	T_A = 40°C	DF06	1.1 @ 1.0A	5	500	50	150	
800	1	T_A = 40°C	DF08	1.1 @ 1.0A	5	500	50	150	
1000	1	T_A = 40°C	DF10	1.1 @ 1.0A	5	500	50	150	
50	1.5	T_A = 40°C	DF150	1.1 @ 1.5A	5	500	50	150	DIL
100	1.5	T_A = 40°C	DF151	1.1 @ 1.5A	5	500	50	150	
200	1.5	T_A = 40°C	DF152	1.1 @ 1.5A	5	500	50	150	
400	1.5	T_A = 40°C	DF154	1.1 @ 1.5A	5	500	50	150	
600	1.5	T_A = 40°C	DF156	1.1 @ 1.5A	5	500	50	150	
800	1.5	T_A = 40°C	DF158	1.1 @ 1.5A	5	500	50	150	
1000	1.5	T_A = 40°C	DF1510	1.1 @ 1.5A	5	500	50	150	
50	2	T_A = 40°C	DF200	1.1 @ 2.0A	10	500	60	150	
100	2	T_A = 40°C	DF201	1.1 @ 2.0A	10	500	60	150	
200	2	T_A = 40°C	DF202	1.1 @ 2.0A	10	500	60	150	
400	2	T_A = 40°C	DF204	1.1 @ 2.0A	10	500	60	150	
600	2	T_A = 40°C	DF206	1.1 @ 2.0A	10	500	60	150	
800	2	T_A = 40°C	DF208	1.1 @ 2.0A	10	500	60	150	
1000	2	T_A = 40°C	DF2010	1.1 @ 2.0A	10	500	60	150	

Devices in **bold** represent new products

Bridge Rectifiers

Single In-Line

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	2	T_A = 50°C	GBP200	1.0 @ 1.0A	5	500	60	150	GBP
100	2	T_A = 50°C	GBP201	1.0 @ 1.0A	5	500	60	150	
200	2	T_A = 50°C	GBP202	1.0 @ 1.0A	5	500	60	150	
400	2	T_A = 50°C	GBP204	1.0 @ 1.0A	5	500	60	150	
600	2	T_A = 50°C	GBP206	1.0 @ 1.0A	5	500	60	150	
800	2	T_A = 50°C	GBP208	1.0 @ 1.0A	5	500	60	150	
1000	2	T_A = 50°C	GBP210	1.0 @ 1.0A	5	500	60	150	
50	1.5	T_A = 50°C	KBP005M, KBP150G	1.1 @ 1.5A	5	500	50	150	KBPM
100	1.5	T_A = 50°C	KBP01M, KBP151G	1.1 @ 1.5A	5	500	50	150	
200	1.5	T_A = 50°C	KBP02M, KBP152G	1.1 @ 1.5A	5	500	50	150	
400	1.5	T_A = 50°C	KBP04M, KBP154G	1.1 @ 1.5A	5	500	50	150	
600	1.5	T_A = 50°C	KBP06M, KBP156G	1.1 @ 1.5A	5	500	50	150	
800	1.5	T_A = 50°C	KBP08M, KBP158G	1.1 @ 1.5A	5	500	50	150	
1000	1.5	T_A = 50°C	KBP10M, KBP1510G	1.1 @ 1.5A	5	500	50	150	
50	2	T_A = 55°C	2KBP005M, KBP200G	1.1 @ 2.0A	5	500	60	165	
100	2	T_A = 55°C	2KBP01M, KBP201G	1.1 @ 2.0A	5	500	60	165	
200	2	T_A = 55°C	2KBP02M, KBP202G	1.1 @ 2.0A	5	500	60	165	
400	2	T_A = 55°C	2KBP04M, KBP204G	1.1 @ 2.0A	5	500	60	165	
600	2	T_A = 55°C	2KBP06M, KBP206G	1.1 @ 2.0A	5	500	60	165	
800	2	T_A = 55°C	2KBP08M, KBP208G	1.1 @ 2.0A	5	500	60	165	
1000	2	T_A = 55°C	2KBP10M, KBP2010G	1.1 @ 2.0A	5	500	60	165	
50	2	T_C = 140°C	D2KB05	1.05 @ 1.0A	10	500	60	150	D3K
100	2	T_C = 140°C	D2KB10	1.05 @ 1.0A	10	500	60	150	
200	2	T_C = 140°C	D2KB20	1.05 @ 1.0A	10	500	60	150	
400	2	T_C = 140°C	D2KB40	1.05 @ 1.0A	10	500	60	150	
600	2	T_C = 140°C	D2KB60	1.05 @ 1.0A	10	500	60	150	
800	2	T_C = 140°C	D2KB80	1.05 @ 1.0A	10	500	60	150	
1000	2	T_C = 140°C	D2KB100	1.05 @ 1.0A	10	500	60	150	
50	3	T_C = 140°C	D3KB05	1.05 @ 1.5A	10	500	90	150	
100	3	T_C = 140°C	D3KB10	1.05 @ 1.5A	10	500	90	150	
200	3	T_C = 140°C	D3KB20	1.05 @ 1.5A	10	500	90	150	
400	3	T_C = 140°C	D3KB40	1.05 @ 1.5A	10	500	90	150	
600	3	T_C = 140°C	D3KB60	1.05 @ 1.5A	10	500	90	150	
800	3	T_C = 140°C	D3KB80	1.05 @ 1.5A	10	500	90	150	
1000	3	T_C = 140°C	D3KB100	1.05 @ 1.5A	10	500	90	150	
50	4	T_C = 140°C	D4KB05	1.0 @ 2.0A	10	500	135	150	
100	4	T_C = 140°C	D4KB10	1.0 @ 2.0A	10	500	135	150	
200	4	T_C = 140°C	D4KB20	1.0 @ 2.0A	10	500	135	150	
400	4	T_C = 140°C	D4KB40	1.0 @ 2.0A	10	500	135	150	
600	4	T_C = 140°C	D4KB60	1.0 @ 2.0A	10	500	135	150	
800	4	T_C = 140°C	D4KB80	1.0 @ 2.0A	10	500	135	150	
1000	4	T_C = 140°C	D4KB100	1.0 @ 2.0A	10	500	135	150	

Devices in **bold** represent new products

Bridge Rectifiers

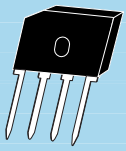
Single In-Line (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	2	T_A = 25°C	GBJ2A	1.05 @ 1.0A	5	300	60	150	
100	2	T_A = 25°C	GBJ2B	1.05 @ 1.0A	5	300	60	150	
200	2	T_A = 25°C	GBJ2D	1.05 @ 1.0A	5	300	60	150	
400	2	T_A = 25°C	GBJ2G	1.05 @ 1.0A	5	300	60	150	
600	2	T_A = 25°C	GBJ2J	1.05 @ 1.0A	5	300	60	150	GBL
800	2	T_A = 25°C	GBJ2K	1.05 @ 1.0A	5	300	60	150	
1000	2	T_A = 25°C	GBJ2M	1.05 @ 1.0A	5	300	60	150	
50	4	T_C = 50°C	GBL00	1.05 @ 2.0A	5	500	150	150	
100	4	T_C = 50°C	GBL01	1.05 @ 2.0A	5	500	150	150	
200	4	T_C = 50°C	GBL02	1.05 @ 2.0A	5	500	150	150	
400	4	T_C = 50°C	GBL04	1.05 @ 2.0A	5	500	150	150	
600	4	T_C = 50°C	GBL06	1.05 @ 2.0A	5	500	150	150	
800	4	T_C = 50°C	GBL08	1.05 @ 2.0A	5	500	150	150	
1000	4	T_C = 50°C	GBL10	1.05 @ 2.0A	5	500	150	150	
50	4	T_A = 50°C	KBL400G	1.1 @ 2.0A	5	1000	150	150	KBL
100	4	T_A = 50°C	KBL401G	1.1 @ 2.0A	5	1000	150	150	
200	4	T_A = 50°C	KBL402G	1.1 @ 2.0A	5	1000	150	150	
400	4	T_A = 50°C	KBL404G	1.1 @ 2.0A	5	1000	150	150	
600	4	T_A = 50°C	KBL406G	1.1 @ 2.0A	5	1000	150	150	
800	4	T_A = 50°C	KBL408G	1.1 @ 2.0A	5	1000	150	150	
1000	4	T_A = 50°C	KBL410G	1.1 @ 2.0A	5	1000	150	150	
100	3.7	T_A = 45°C	B40C3700/2200	1.0 @ 3.0A	10	500	150	150	
200	3.7	T_A = 45°C	B80C3700/2200	1.0 @ 3.0A	10	500	150	150	
300	3.7	T_A = 45°C	B125C3700/2200	1.0 @ 3.0A	10	500	150	150	
600	3.7	T_A = 45°C	B250C3700/2200	1.0 @ 3.0A	10	500	150	150	RS-5
900	3.7	T_A = 45°C	B380C3700/2200	1.0 @ 3.0A	10	500	150	150	
1000	3.7	T_A = 45°C	B500C3700/2200	1.0 @ 3.0A	10	500	150	150	
100	5	T_A = 45°C	B40C5000/3300	1.0 @ 5.0A	10	500	250	150	
200	5	T_A = 45°C	B80C5000/3300	1.0 @ 5.0A	10	500	250	150	
300	5	T_A = 45°C	B125C5000/3300	1.0 @ 5.0A	10	500	250	150	
600	5	T_A = 45°C	B250C5000/3300	1.0 @ 5.0A	10	500	250	150	
900	5	T_A = 45°C	B380C5000/3300	1.0 @ 5.0A	10	500	250	150	
1000	5	T_A = 45°C	B500C5000/3300	1.0 @ 5.0A	10	500	250	150	

Bridge Rectifiers

Single In-Line (continued)

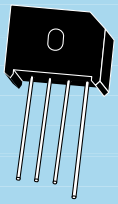
V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	4	T_C = 100°C	GBU4A	1.0 @ 2.0A	5	500	150	150	
100	4	T_C = 100°C	GBU4B	1.0 @ 2.0A	5	500	150	150	
200	4	T_C = 100°C	GBU4D	1.0 @ 2.0A	5	500	150	150	
400	4	T_C = 100°C	GBU4G	1.0 @ 2.0A	5	500	150	150	
600	4	T_C = 100°C	GBU4J	1.0 @ 2.0A	5	500	150	150	
800	4	T_C = 100°C	GBU4K	1.0 @ 2.0A	5	500	150	150	
1000	4	T_C = 100°C	GBU4M	1.0 @ 2.0A	5	500	150	150	
50	6	T_C = 100°C	GBU6A	1.0 @ 3.0A	5	500	175	150	
100	6	T_C = 100°C	GBU6B	1.0 @ 3.0A	5	500	175	150	
200	6	T_C = 100°C	GBU6D	1.0 @ 3.0A	5	500	175	150	
400	6	T_C = 100°C	GBU6G	1.0 @ 3.0A	5	500	175	150	
600	6	T_C = 100°C	GBU6J	1.0 @ 3.0A	5	500	175	150	
800	6	T_C = 100°C	GBU6K	1.0 @ 3.0A	5	500	175	150	
1000	6	T_C = 100°C	GBU6M	1.0 @ 3.0A	5	500	175	150	
50	8	T_C = 100°C	GBU8A	1.0 @ 4.0A	5	500	200	150	
100	8	T_C = 100°C	GBU8B	1.0 @ 4.0A	5	500	200	150	
200	8	T_C = 100°C	GBU8D	1.0 @ 4.0A	5	500	200	150	
400	8	T_C = 100°C	GBU8G	1.0 @ 4.0A	5	500	200	150	
600	8	T_C = 100°C	GBU8J	1.0 @ 4.0A	5	500	200	150	
800	8	T_C = 100°C	GBU8K	1.0 @ 4.0A	5	500	200	150	GBU
1000	8	T_C = 100°C	GBU8M	1.0 @ 4.0A	5	500	200	150	
50	10	T_C = 100°C	GBU10A	1.05 @ 5.0A	5	500	220	150	
100	10	T_C = 100°C	GBU10B	1.05 @ 5.0A	5	500	220	150	
200	10	T_C = 100°C	GBU10D	1.05 @ 5.0A	5	500	220	150	
400	10	T_C = 100°C	GBU10G	1.05 @ 5.0A	5	500	220	150	
600	10	T_C = 100°C	GBU10J	1.05 @ 5.0A	5	500	220	150	
800	10	T_C = 100°C	GBU10K	1.05 @ 5.0A	5	500	220	150	
1000	10	T_C = 100°C	GBU10M	1.05 @ 5.0A	5	500	220	150	
50	12	T_C = 100°C	GBU12A	1.05 @ 6.0A	5	500	220	150	
100	12	T_C = 100°C	GBU12B	1.05 @ 6.0A	5	500	220	150	
200	12	T_C = 100°C	GBU12D	1.05 @ 6.0A	5	500	220	150	
400	12	T_C = 100°C	GBU12G	1.05 @ 6.0A	5	500	220	150	
600	12	T_C = 100°C	GBU12J	1.05 @ 6.0A	5	500	220	150	
800	12	T_C = 100°C	GBU12K	1.05 @ 6.0A	5	500	220	150	
1000	12	T_C = 100°C	GBU12M	1.05 @ 6.0A	5	500	220	150	
50	15	T_C = 100°C	GBU15A	1.05 @ 7.5A	10	500	240	150	
100	15	T_C = 100°C	GBU15B	1.05 @ 7.5A	10	500	240	150	
200	15	T_C = 100°C	GBU15D	1.05 @ 7.5A	10	500	240	150	
400	15	T_C = 100°C	GBU15G	1.05 @ 7.5A	10	500	240	150	
600	15	T_C = 100°C	GBU15J	1.05 @ 7.5A	10	500	240	150	
800	15	T_C = 100°C	GBU15K	1.05 @ 7.5A	10	500	240	150	
1000	15	T_C = 100°C	GBU15M	1.05 @ 7.5A	10	500	240	150	
50	25	T_C = 60°C	GBU25A	1.05 @ 12.5A	10	500	300	150	
100	25	T_C = 60°C	GBU25B	1.05 @ 12.5A	10	500	300	150	
200	25	T_C = 60°C	GBU25D	1.05 @ 12.5A	10	500	300	150	
400	25	T_C = 60°C	GBU25G	1.05 @ 12.5A	10	500	300	150	
600	25	T_C = 60°C	GBU25J	1.05 @ 12.5A	10	500	300	150	
800	25	T_C = 60°C	GBU25K	1.05 @ 12.5A	10	500	300	150	
1000	25	T_C = 60°C	GBU25M	1.05 @ 12.5A	10	500	300	150	

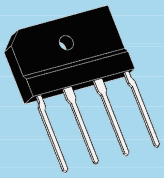


Bridge Rectifiers

Single In-Line (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	4	T_C = 100°C	KBU400G	1.0 @ 2.0A	5	1000	150	150	
100	4	T_C = 100°C	KBU401G	1.0 @ 2.0A	5	1000	150	150	
200	4	T_C = 100°C	KBU402G	1.0 @ 2.0A	5	1000	150	150	
400	4	T_C = 100°C	KBU404G	1.0 @ 2.0A	5	1000	150	150	
600	4	T_C = 100°C	KBU406G	1.0 @ 2.0A	5	1000	150	150	
800	4	T_C = 100°C	KBU408G	1.0 @ 2.0A	5	1000	150	150	
1000	4	T_C = 100°C	KBU410G	1.0 @ 2.0A	5	1000	150	150	
50	6	T_C = 100°C	KBU600G	1.0 @ 3.0A	5	1000	175	150	
100	6	T_C = 100°C	KBU601G	1.0 @ 3.0A	5	1000	175	150	
200	6	T_C = 100°C	KBU602G	1.0 @ 3.0A	5	1000	175	150	
400	6	T_C = 100°C	KBU604G	1.0 @ 3.0A	5	1000	175	150	KBU
600	6	T_C = 100°C	KBU606G	1.0 @ 3.0A	5	1000	175	150	
800	6	T_C = 100°C	KBU608G	1.0 @ 3.0A	5	1000	175	150	
1000	6	T_C = 100°C	KBU610G	1.0 @ 3.0A	5	1000	175	150	
50	8	T_C = 100°C	KBU800G	1.0 @ 4.0A	10	1000	200	150	
100	8	T_C = 100°C	KBU801G	1.0 @ 4.0A	10	1000	200	150	
200	8	T_C = 100°C	KBU802G	1.0 @ 4.0A	10	1000	200	150	
400	8	T_C = 100°C	KBU804G	1.0 @ 4.0A	10	1000	200	150	
600	8	T_C = 100°C	KBU806G	1.0 @ 4.0A	10	1000	200	150	
800	8	T_C = 100°C	KBU808G	1.0 @ 4.0A	10	1000	200	150	
1000	8	T_C = 100°C	KBU810G	1.0 @ 4.0A	10	1000	200	150	
50	10	T_C = 100°C	KBU1000G	1.0 @ 5.0A	10	1000	220	150	
100	10	T_C = 100°C	KBU1001G	1.0 @ 5.0A	10	1000	220	150	
200	10	T_C = 100°C	KBU1002G	1.0 @ 5.0A	10	1000	220	150	
400	10	T_C = 100°C	KBU1004G	1.0 @ 5.0A	10	1000	220	150	
600	10	T_C = 100°C	KBU1006G	1.0 @ 5.0A	10	1000	220	150	
800	10	T_C = 100°C	KBU1008G	1.0 @ 5.0A	10	1000	220	150	
1000	10	T_C = 100°C	KBU1010G	1.0 @ 5.0A	10	1000	220	150	
50	4	T_C = 115°C	GBJ4A	1.05 @ 2.0A	5	500	120	150	
100	4	T_C = 115°C	GBJ4B	1.05 @ 2.0A	5	500	120	150	
200	4	T_C = 115°C	GBJ4D	1.05 @ 2.0A	5	500	120	150	
400	4	T_C = 115°C	GBJ4G	1.05 @ 2.0A	5	500	120	150	KBJ-4
600	4	T_C = 115°C	GBJ4J	1.05 @ 2.0A	5	500	120	150	
800	4	T_C = 115°C	GBJ4K	1.05 @ 2.0A	5	500	120	150	
1000	4	T_C = 115°C	GBJ4M	1.05 @ 2.0A	5	500	120	150	
50	10	T_C = 110°C	GBJ10A	1.05 @ 5.0A	10	500	170	150	
100	10	T_C = 110°C	GBJ10B	1.05 @ 5.0A	10	500	170	150	
200	10	T_C = 110°C	GBJ10D	1.05 @ 5.0A	10	500	170	150	
400	10	T_C = 110°C	GBJ10G	1.05 @ 5.0A	10	500	170	150	
600	10	T_C = 110°C	GBJ10J	1.05 @ 5.0A	10	500	170	150	
800	10	T_C = 110°C	GBJ10K	1.05 @ 5.0A	10	500	170	150	
1000	10	T_C = 110°C	GBJ10M	1.05 @ 5.0A	10	500	170	150	

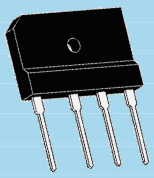




Bridge Rectifiers

Single In-Line (continued)

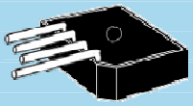
V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	6	T_C = 110°C	GBJ6A	1.05 @ 3.0A	5	500	170	150	
100	6	T_C = 110°C	GBJ6B	1.05 @ 3.0A	5	500	170	150	
200	6	T_C = 110°C	GBJ6D	1.05 @ 3.0A	5	500	170	150	
400	6	T_C = 110°C	GBJ6G	1.05 @ 3.0A	5	500	170	150	
600	6	T_C = 110°C	GBJ6J	1.05 @ 3.0A	5	500	170	150	
800	6	T_C = 110°C	GBJ6K	1.05 @ 3.0A	5	500	170	150	
1000	6	T_C = 110°C	GBJ6M	1.05 @ 3.0A	5	500	170	150	
50	8	T_C = 110°C	GBJ8A	1.05 @ 4.0A	5	500	170	150	
100	8	T_C = 110°C	GBJ8B	1.05 @ 4.0A	5	500	170	150	
200	8	T_C = 110°C	GBJ8D	1.05 @ 4.0A	5	500	170	150	
400	8	T_C = 110°C	GBJ8G	1.05 @ 4.0A	5	500	170	150	
600	8	T_C = 110°C	GBJ8J	1.05 @ 4.0A	5	500	170	150	
800	8	T_C = 110°C	GBJ8K	1.05 @ 4.0A	5	500	170	150	
1000	8	T_C = 110°C	GBJ8M	1.05 @ 4.0A	5	500	170	150	GBJ-6
50	15	T_C = 100°C	GBJ15A	1.05 @ 7.5A	10	500	240	150	
100	15	T_C = 100°C	GBJ15B	1.05 @ 7.5A	10	500	240	150	
200	15	T_C = 100°C	GBJ15D	1.05 @ 7.5A	10	500	240	150	
400	15	T_C = 100°C	GBJ15G	1.05 @ 7.5A	10	500	240	150	
600	15	T_C = 100°C	GBJ15J	1.05 @ 7.5A	10	500	240	150	
800	15	T_C = 100°C	GBJ15K	1.05 @ 7.5A	10	500	240	150	
1000	15	T_C = 100°C	GBJ15M	1.05 @ 7.5A	10	500	240	150	
1200	15	T_C = 100°C	GBJ15Q	1.05 @ 7.5A	10	500	240	150	
50	25	T_C = 100°C	GBJ25A	1.05 @ 12.5A	10	500	350	150	
100	25	T_C = 100°C	GBJ25B	1.05 @ 12.5A	10	500	350	150	
200	25	T_C = 100°C	GBJ25D	1.05 @ 12.5A	10	500	350	150	
400	25	T_C = 100°C	GBJ25G	1.05 @ 12.5A	10	500	350	150	
600	25	T_C = 100°C	GBJ25J	1.05 @ 12.5A	10	500	350	150	
800	25	T_C = 100°C	GBJ25K	1.05 @ 12.5A	10	500	350	150	
1000	25	T_C = 100°C	GBJ25M	1.05 @ 12.5A	10	500	350	150	
1200	25	T_C = 100°C	GBJ25Q	1.05 @ 12.5A	10	500	350	150	
50	35	T_C = 100°C	GBJ35A	1.1 @ 17.5A	10	500	350	150	
100	35	T_C = 100°C	GBJ35B	1.1 @ 17.5A	10	500	350	150	
200	35	T_C = 100°C	GBJ35D	1.1 @ 17.5A	10	500	350	150	
400	35	T_C = 100°C	GBJ35G	1.1 @ 17.5A	10	500	350	150	
600	35	T_C = 100°C	GBJ35J	1.1 @ 17.5A	10	500	350	150	
800	35	T_C = 100°C	GBJ35K	1.1 @ 17.5A	10	500	350	150	
1000	35	T_C = 100°C	GBJ35M	1.1 @ 17.5A	10	500	350	150	
1200	35	T_C = 100°C	GBJ35Q	1.1 @ 17.5A	10	500	350	150	



Bridge Rectifiers

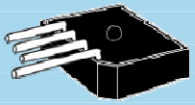
Single In-Line (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	10	T_C = 55°C	GBPC1000S, KBPC1000S	1.1 @ 5.0A	10	500	250	150	
100	10	T_C = 55°C	GBPC1001S, KBPC1001S	1.1 @ 5.0A	10	500	250	150	
200	10	T_C = 55°C	GBPC1002S, KBPC1002S	1.1 @ 5.0A	10	500	250	150	
400	10	T_C = 55°C	GBPC1004S, KBPC1004S	1.1 @ 5.0A	10	500	250	150	
600	10	T_C = 55°C	GBPC1006S, KBPC1006S	1.1 @ 5.0A	10	500	250	150	
800	10	T_C = 55°C	GBPC1008S, KBPC1008S	1.1 @ 5.0A	10	500	250	150	
1000	10	T_C = 55°C	GBPC1010S, KBPC1010S	1.1 @ 5.0A	10	500	250	150	
1200	10	T_C = 55°C	GBPC1012S, KBPC1012S	1.1 @ 5.0A	10	500	250	150	
1400	10	T_C = 55°C	GBPC1014S	1.1 @ 5.0A	10	500	250	150	
1600	10	T_C = 55°C	GBPC1016S	1.1 @ 5.0A	10	500	250	150	
50	15	T_C = 55°C	GBPC1500S, KBPC1500S	1.1 @ 7.5A	10	500	300	150	
100	15	T_C = 55°C	GBPC1501S, KBPC1501S	1.1 @ 7.5A	10	500	300	150	
200	15	T_C = 55°C	GBPC1502S, KBPC1502S	1.1 @ 7.5A	10	500	300	150	
400	15	T_C = 55°C	GBPC1504S, KBPC1504S	1.1 @ 7.5A	10	500	300	150	KBPC-S
600	15	T_C = 55°C	GBPC1506S, KBPC1506S	1.1 @ 7.5A	10	500	300	150	
800	15	T_C = 55°C	GBPC1508S, KBPC1508S	1.1 @ 7.5A	10	500	300	150	
1000	15	T_C = 55°C	GBPC1510S, KBPC1510S	1.1 @ 7.5A	10	500	300	150	
1200	15	T_C = 55°C	GBPC1512S, KBPC1512S	1.1 @ 7.5A	10	500	300	150	
1400	15	T_C = 55°C	GBPC1514S	1.1 @ 7.5A	10	500	300	150	
1600	15	T_C = 55°C	GBPC1516S	1.1 @ 7.5A	10	500	300	150	
50	25	T_C = 55°C	GBPC2500S, KBPC2500S	1.1 @ 12.5A	10	500	300	150	
100	25	T_C = 55°C	GBPC2501S, KBPC2501S	1.1 @ 12.5A	10	500	300	150	
200	25	T_C = 55°C	GBPC2502S, KBPC2502S	1.1 @ 12.5A	10	500	300	150	
400	25	T_C = 55°C	GBPC2504S, KBPC2504S	1.1 @ 12.5A	10	500	300	150	
600	25	T_C = 55°C	GBPC2506S, KBPC2506S	1.1 @ 12.5A	10	500	300	150	
800	25	T_C = 55°C	GBPC2508S, KBPC2508S	1.1 @ 12.5A	10	500	300	150	
1000	25	T_C = 55°C	GBPC2510S, KBPC2510S	1.1 @ 12.5A	10	500	300	150	
1200	25	T_C = 55°C	GBPC2512S, KBPC2512S	1.1 @ 12.5A	10	500	300	150	
1400	25	T_C = 55°C	GBPC2514S	1.1 @ 12.5A	10	500	300	150	
1600	25	T_C = 55°C	GBPC2516S	1.1 @ 12.5A	10	500	300	150	
50	35	T_C = 55°C	GBPC3500S, KBPC3500S	1.1 @ 17.5A	10	500	400	150	
100	35	T_C = 55°C	GBPC3501S, KBPC3501S	1.1 @ 17.5A	10	500	400	150	
200	35	T_C = 55°C	GBPC3502S, KBPC3502S	1.1 @ 17.5A	10	500	400	150	
400	35	T_C = 55°C	GBPC3504S, KBPC3504S	1.1 @ 17.5A	10	500	400	150	
600	35	T_C = 55°C	GBPC3506S, KBPC3506S	1.1 @ 17.5A	10	500	400	150	
800	35	T_C = 55°C	GBPC3508S, KBPC3508S	1.1 @ 17.5A	10	500	400	150	
1000	35	T_C = 55°C	GBPC3510S, KBPC3510S	1.1 @ 17.5A	10	500	400	150	
1200	35	T_C = 55°C	GBPC3512S, KBPC3512S	1.1 @ 17.5A	10	500	400	150	
1400	35	T_C = 55°C	GBPC3514S	1.1 @ 17.5A	10	500	400	150	
1600	35	T_C = 55°C	GBPC3516S	1.1 @ 17.5A	10	500	400	150	

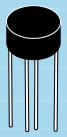


Bridge Rectifiers

Single In-Line (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	40	T_C = 55°C	GBPC4000S, KBPC4000S	1.1 @ 20A	10	500	500	150	KBPC-S 
100	40	T_C = 55°C	GBPC4001S, KBPC4001S	1.1 @ 20A	10	500	500	150	
200	40	T_C = 55°C	GBPC4002S, KBPC4002S	1.1 @ 20A	10	500	500	150	
400	40	T_C = 55°C	GBPC4004S, KBPC4004S	1.1 @ 20A	10	500	500	150	
600	40	T_C = 55°C	GBPC4006S, KBPC4006S	1.1 @ 20A	10	500	500	150	
800	40	T_C = 55°C	GBPC4008S, KBPC4008S	1.1 @ 20A	10	500	500	150	
1000	40	T_C = 55°C	GBPC4010S, KBPC4010S	1.1 @ 20A	10	500	500	150	
1200	40	T_C = 55°C	GBPC4012S, KBPC4012S	1.1 @ 20A	10	500	500	150	
1400	40	T_C = 55°C	GBPC4014S	1.1 @ 20A	10	500	500	150	
1600	40	T_C = 55°C	GBPC4016S	1.1 @ 20A	10	500	500	150	
50	50	T_C = 55°C	GBPC5000S, KBPC5000S	1.1 @ 25A	10	500	500	150	
100	50	T_C = 55°C	GBPC5001S, KBPC5001S	1.1 @ 25A	10	500	500	150	
200	50	T_C = 55°C	GBPC5002S, KBPC5002S	1.1 @ 25A	10	500	500	150	
400	50	T_C = 55°C	GBPC5004S, KBPC5004S	1.1 @ 25A	10	500	500	150	
600	50	T_C = 55°C	GBPC5006S, KBPC5006S	1.1 @ 25A	10	500	500	150	
800	50	T_C = 55°C	GBPC5008S, KBPC5008S	1.1 @ 25A	10	500	500	150	
1000	50	T_C = 55°C	GBPC5010S, KBPC5010S	1.1 @ 25A	10	500	500	150	
1200	50	T_C = 55°C	GBPC5012S, KBPC5012S	1.1 @ 25A	10	500	500	150	
1400	50	T_C = 55°C	GBPC5014S	1.1 @ 25A	10	500	500	150	
1600	50	T_C = 55°C	GBPC5016S	1.1 @ 25A	10	500	500	150	

Round Type

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	1.5	T_A = 25°C	W005G, W005M	1.1 @ 1.5A	5	500	50	150	WOB 
100	1.5	T_A = 25°C	W01G, W01M	1.1 @ 1.5A	5	500	50	150	
200	1.5	T_A = 25°C	W02G, W02M	1.1 @ 1.5A	5	500	50	150	
400	1.5	T_A = 25°C	W04G, W04M	1.1 @ 1.5A	5	500	50	150	
600	1.5	T_A = 25°C	W06G, W06M	1.1 @ 1.5A	5	500	50	150	
800	1.5	T_A = 25°C	W08G, W08M	1.1 @ 1.5A	5	500	50	150	
1000	1.5	T_A = 25°C	W10G, W10M	1.1 @ 1.5A	5	500	50	150	

Bridge Rectifiers

Square Type

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	3	T_C = 60°C	KBPC300G	1.1 @ 1.5A	5	500	50	150	KBPC-3
100	3	T_C = 60°C	KBPC301G	1.1 @ 1.5A	5	500	50	150	
200	3	T_C = 60°C	KBPC302G	1.1 @ 1.5A	5	500	50	150	
400	3	T_C = 60°C	KBPC304G	1.1 @ 1.5A	5	500	50	150	
600	3	T_C = 60°C	KBPC306G	1.1 @ 1.5A	5	500	50	150	
800	3	T_C = 60°C	KBPC308G	1.1 @ 1.5A	5	500	50	150	
1000	3	T_C = 60°C	KBPC310G	1.1 @ 1.5A	5	500	50	150	
50	6	T_C = 50°C	KBPC600G	1.1 @ 3.0A	5	500	150	150	
100	6	T_C = 50°C	KBPC601G	1.1 @ 3.0A	5	500	150	150	
200	6	T_C = 50°C	KBPC602G	1.1 @ 3.0A	5	500	150	150	
400	6	T_C = 50°C	KBPC604G	1.1 @ 3.0A	5	500	150	150	
600	6	T_C = 50°C	KBPC606G	1.1 @ 3.0A	5	500	150	150	
800	6	T_C = 50°C	KBPC608G	1.1 @ 3.0A	5	500	150	150	
1000	6	T_C = 50°C	KBPC610G	1.1 @ 3.0A	5	500	150	150	KBPC-6
50	8	T_C = 50°C	KBPC800SG	1.1 @ 4.0A	5	500	150	150	
100	8	T_C = 50°C	KBPC801SG	1.1 @ 4.0A	5	500	150	150	
200	8	T_C = 50°C	KBPC802SG	1.1 @ 4.0A	5	500	150	150	
400	8	T_C = 50°C	KBPC804SG	1.1 @ 4.0A	5	500	150	150	
600	8	T_C = 50°C	KBPC806SG	1.1 @ 4.0A	5	500	150	150	
800	8	T_C = 50°C	KBPC808SG	1.1 @ 4.0A	5	500	150	150	
1000	8	T_C = 50°C	KBPC810SG	1.1 @ 4.0A	5	500	150	150	
50	10	T_C = 50°C	PB1000SG	1.1 @ 5.0A	10	500	175	150	
100	10	T_C = 50°C	PB1001SG	1.1 @ 5.0A	10	500	175	150	
200	10	T_C = 50°C	PB1002SG	1.1 @ 5.0A	10	500	175	150	
400	10	T_C = 50°C	PB1004SG	1.1 @ 5.0A	10	500	175	150	
600	10	T_C = 50°C	PB1006SG	1.1 @ 5.0A	10	500	175	150	
800	10	T_C = 50°C	PB1008SG	1.1 @ 5.0A	10	500	175	150	
1000	10	T_C = 50°C	PB1010SG	1.1 @ 5.0A	10	500	175	150	
50	8	T_C = 50°C	KBPC800G	1.1 @ 4.0A	5	500	175	150	
100	8	T_C = 50°C	KBPC801G	1.1 @ 4.0A	5	500	175	150	
200	8	T_C = 50°C	KBPC802G	1.1 @ 4.0A	5	500	175	150	
400	8	T_C = 50°C	KBPC804G	1.1 @ 4.0A	5	500	175	150	
600	8	T_C = 50°C	KBPC806G	1.1 @ 4.0A	5	500	175	150	KBPC-8
800	8	T_C = 50°C	KBPC808G	1.1 @ 4.0A	5	500	175	150	
1000	8	T_C = 50°C	KBPC810G	1.1 @ 4.0A	5	500	175	150	
50	10	T_C = 50°C	PB1000G	1.1 @ 5.0A	10	500	175	150	
100	10	T_C = 50°C	PB1001G	1.1 @ 5.0A	10	500	175	150	
200	10	T_C = 50°C	PB1002G	1.1 @ 5.0A	10	500	175	150	
400	10	T_C = 50°C	PB1004G	1.1 @ 5.0A	10	500	175	150	
600	10	T_C = 50°C	PB1006G	1.1 @ 5.0A	10	500	175	150	
800	10	T_C = 50°C	PB1008G	1.1 @ 5.0A	10	500	175	150	
1000	10	T_C = 50°C	PB1010G	1.1 @ 5.0A	10	500	175	150	

Bridge Rectifiers

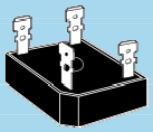
Square Type (continued)

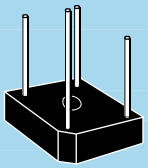
V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	10	T_C = 50°C	MP1000G	1.2 @ 5.0A	10	500	175	150	
100	10	T_C = 50°C	MP1001G	1.2 @ 5.0A	10	500	175	150	MP-10
200	10	T_C = 50°C	MP1002G	1.2 @ 5.0A	10	500	175	150	
400	10	T_C = 50°C	MP1004G	1.2 @ 5.0A	10	500	175	150	
600	10	T_C = 50°C	MP1006G	1.2 @ 5.0A	10	500	175	150	
800	10	T_C = 50°C	MP1008G	1.2 @ 5.0A	10	500	175	150	
1000	10	T_C = 50°C	MP1010G	1.2 @ 5.0A	10	500	175	150	
50	15	T_C = 40°C	MP1500G	1.2 @ 7.5A	10	1000	220	150	
100	15	T_C = 40°C	MP1501G	1.2 @ 7.5A	10	1000	220	150	MP-15
200	15	T_C = 40°C	MP1502G	1.2 @ 7.5A	10	1000	220	150	
400	15	T_C = 40°C	MP1504G	1.2 @ 7.5A	10	1000	220	150	
600	15	T_C = 40°C	MP1506G	1.2 @ 7.5A	10	1000	220	150	
800	15	T_C = 40°C	MP1508G	1.2 @ 7.5A	10	1000	220	150	
1000	15	T_C = 40°C	MP1510G	1.2 @ 7.5A	10	1000	220	150	
50	10	T_C = 55°C	GBPC1000, GBPC1000W	1.1 @ 5.0A	10	500	250	150	
100	10	T_C = 55°C	GBPC1001, GBPC1001W	1.1 @ 5.0A	10	500	250	150	
200	10	T_C = 55°C	GBPC1002, GBPC1002W	1.1 @ 5.0A	10	500	250	150	
400	10	T_C = 55°C	GBPC1004, GBPC1004W	1.1 @ 5.0A	10	500	250	150	
600	10	T_C = 55°C	GBPC1006, GBPC1006W	1.1 @ 5.0A	10	500	250	150	
800	10	T_C = 55°C	GBPC1008, GBPC1008W	1.1 @ 5.0A	10	500	250	150	
1000	10	T_C = 55°C	GBPC1010, GBPC1010W	1.1 @ 5.0A	10	500	250	150	GBPC No Suffix
1200	10	T_C = 55°C	GBPC1012, GBPC1012W	1.1 @ 5.0A	10	500	250	150	
1400	10	T_C = 55°C	GBPC1014, GBPC1014W	1.1 @ 5.0A	10	500	250	150	
1600	10	T_C = 55°C	GBPC1016, GBPC1016W	1.1 @ 5.0A	10	500	250	150	
50	15	T_C = 55°C	GBPC1500, GBPC1500W	1.1 @ 7.5A	10	500	300	150	
100	15	T_C = 55°C	GBPC1501, GBPC1501W	1.1 @ 7.5A	10	500	300	150	
200	15	T_C = 55°C	GBPC1502, GBPC1502W	1.1 @ 7.5A	10	500	300	150	
400	15	T_C = 55°C	GBPC1504, GBPC1504W	1.1 @ 7.5A	10	500	300	150	
600	15	T_C = 55°C	GBPC1506, GBPC1506W	1.1 @ 7.5A	10	500	300	150	
800	15	T_C = 55°C	GBPC1508, GBPC1508W	1.1 @ 7.5A	10	500	300	150	
1000	15	T_C = 55°C	GBPC1510, GBPC1510W	1.1 @ 7.5A	10	500	300	150	GBPC-W W Suffix
1200	15	T_C = 55°C	GBPC1512, GBPC1512W	1.1 @ 7.5A	10	500	300	150	
1400	15	T_C = 55°C	GBPC1514, GBPC1514W	1.1 @ 7.5A	10	500	300	150	
1600	15	T_C = 55°C	GBPC1516, GBPC1516W	1.1 @ 7.5A	10	500	300	150	
50	25	T_C = 55°C	GBPC2500, GBPC2500W	1.1 @ 12.5A	10	500	300	150	
100	25	T_C = 55°C	GBPC2501, GBPC2501W	1.1 @ 12.5A	10	500	300	150	
200	25	T_C = 55°C	GBPC2502, GBPC2502W	1.1 @ 12.5A	10	500	300	150	
400	25	T_C = 55°C	GBPC2504, GBPC2504W	1.1 @ 12.5A	10	500	300	150	
600	25	T_C = 55°C	GBPC2506, GBPC2506W	1.1 @ 12.5A	10	500	300	150	
800	25	T_C = 55°C	GBPC2508, GBPC2508W	1.1 @ 12.5A	10	500	300	150	
1000	25	T_C = 55°C	GBPC2510, GBPC2510W	1.1 @ 12.5A	10	500	300	150	
1200	25	T_C = 55°C	GBPC2512, GBPC2512W	1.1 @ 12.5A	10	500	300	150	
1400	25	T_C = 55°C	GBPC2514, GBPC2514W	1.1 @ 12.5A	10	500	300	150	
1600	25	T_C = 55°C	GBPC2516, GBPC2516W	1.1 @ 12.5A	10	500	300	150	

Bridge Rectifiers

Square Type (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	35	T_C = 55°C	GBPC3500, GBPC3500W	1.1 @ 17.5A	10	500	400	150	
100	35	T_C = 55°C	GBPC3501, GBPC3501W	1.1 @ 17.5A	10	500	400	150	
200	35	T_C = 55°C	GBPC3502, GBPC3502W	1.1 @ 17.5A	10	500	400	150	
400	35	T_C = 55°C	GBPC3504, GBPC3504W	1.1 @ 17.5A	10	500	400	150	
600	35	T_C = 55°C	GBPC3506, GBPC3506W	1.1 @ 17.5A	10	500	400	150	
800	35	T_C = 55°C	GBPC3508, GBPC3508W	1.1 @ 17.5A	10	500	400	150	
1000	35	T_C = 55°C	GBPC3510, GBPC3510W	1.1 @ 17.5A	10	500	400	150	GBPC No Suffix
1200	35	T_C = 55°C	GBPC3512, GBPC3512W	1.1 @ 17.5A	10	500	400	150	
1400	35	T_C = 55°C	GBPC3514, GBPC3514W	1.1 @ 17.5A	10	500	400	150	
1600	35	T_C = 55°C	GBPC3516, GBPC3516W	1.1 @ 17.5A	10	500	400	150	
50	40	T_C = 55°C	GBPC4000, GBPC4000W	1.1 @ 20A	10	500	500	150	
100	40	T_C = 55°C	GBPC4001, GBPC4001W	1.1 @ 20A	10	500	500	150	
200	40	T_C = 55°C	GBPC4002, GBPC4002W	1.1 @ 20A	10	500	500	150	
400	40	T_C = 55°C	GBPC4004, GBPC4004W	1.1 @ 20A	10	500	500	150	
600	40	T_C = 55°C	GBPC4006, GBPC4006W	1.1 @ 20A	10	500	500	150	
800	40	T_C = 55°C	GBPC4008, GBPC4008W	1.1 @ 20A	10	500	500	150	
1000	40	T_C = 55°C	GBPC4010, GBPC4010W	1.1 @ 20A	10	500	500	150	GBPC-W W Suffix
1200	40	T_C = 55°C	GBPC4012, GBPC4012W	1.1 @ 20A	10	500	500	150	
1400	40	T_C = 55°C	GBPC4014, GBPC4014W	1.1 @ 20A	10	500	500	150	
1600	40	T_C = 55°C	GBPC4016, GBPC4016W	1.1 @ 20A	10	500	500	150	
50	50	T_C = 55°C	GBPC5000, GBPC5000W	1.1 @ 25A	10	500	500	150	
100	50	T_C = 55°C	GBPC5001, GBPC5001W	1.1 @ 25A	10	500	500	150	
200	50	T_C = 55°C	GBPC5002, GBPC5002W	1.1 @ 25A	10	500	500	150	
400	50	T_C = 55°C	GBPC5004, GBPC5004W	1.1 @ 25A	10	500	500	150	
600	50	T_C = 55°C	GBPC5006, GBPC5006W	1.1 @ 25A	10	500	500	150	
800	50	T_C = 55°C	GBPC5008, GBPC5008W	1.1 @ 25A	10	500	500	150	
1000	50	T_C = 55°C	GBPC5010, GBPC5010W	1.1 @ 25A	10	500	500	150	
1200	50	T_C = 55°C	GBPC5012, GBPC5012W	1.1 @ 25A	10	500	500	150	
1400	50	T_C = 55°C	GBPC5014, GBPC5014W	1.1 @ 25A	10	500	500	150	
1600	50	T_C = 55°C	GBPC5016, GBPC5016W	1.1 @ 25A	10	500	500	150	

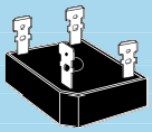


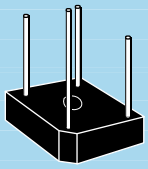


Bridge Rectifiers

Square Type (continued)

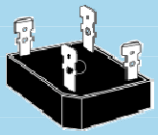
V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	10	T_C = 55°C	KBPC1000P, KBPC1000PW	1.1 @ 5.0A	10	500	250	150	
100	10	T_C = 55°C	KBPC1001P, KBPC1001PW	1.1 @ 5.0A	10	500	250	150	
200	10	T_C = 55°C	KBPC1002P, KBPC1002PW	1.1 @ 5.0A	10	500	250	150	
400	10	T_C = 55°C	KBPC1004P, KBPC1004PW	1.1 @ 5.0A	10	500	250	150	
600	10	T_C = 55°C	KBPC1006P, KBPC1006PW	1.1 @ 5.0A	10	500	250	150	
800	10	T_C = 55°C	KBPC1008P, KBPC1008PW	1.1 @ 5.0A	10	500	250	150	
1000	10	T_C = 55°C	KBPC1010P, KBPC1010PW	1.1 @ 5.0A	10	500	250	150	
1200	10	T_C = 55°C	KBPC1012P, KBPC1012PW	1.1 @ 5.0A	10	500	250	150	
50	15	T_C = 55°C	KBPC1500P, KBPC1500PW	1.1 @ 7.5A	10	500	300	150	
100	15	T_C = 55°C	KBPC1501P, KBPC1501PW	1.1 @ 7.5A	10	500	300	150	
200	15	T_C = 55°C	KBPC1502P, KBPC1502PW	1.1 @ 7.5A	10	500	300	150	
400	15	T_C = 55°C	KBPC1504P, KBPC1504PW	1.1 @ 7.5A	10	500	300	150	
600	15	T_C = 55°C	KBPC1506P, KBPC1506PW	1.1 @ 7.5A	10	500	300	150	
800	15	T_C = 55°C	KBPC1508P, KBPC1508PW	1.1 @ 7.5A	10	500	300	150	
1000	15	T_C = 55°C	KBPC1510P, KBPC1510PW	1.1 @ 7.5A	10	500	300	150	
1200	15	T_C = 55°C	KBPC1512P, KBPC1512PW	1.1 @ 7.5A	10	500	300	150	KBPC-P P Suffix
50	25	T_C = 55°C	KBPC2500P, KBPC2500PW	1.1 @ 12.5A	10	500	300	150	
100	25	T_C = 55°C	KBPC2501P, KBPC2501PW	1.1 @ 12.5A	10	500	300	150	
200	25	T_C = 55°C	KBPC2502P, KBPC2502PW	1.1 @ 12.5A	10	500	300	150	
400	25	T_C = 55°C	KBPC2504P, KBPC2504PW	1.1 @ 12.5A	10	500	300	150	
600	25	T_C = 55°C	KBPC2506P, KBPC2506PW	1.1 @ 12.5A	10	500	300	150	
800	25	T_C = 55°C	KBPC2508P, KBPC2508PW	1.1 @ 12.5A	10	500	300	150	
1000	25	T_C = 55°C	KBPC2510P, KBPC2510PW	1.1 @ 12.5A	10	500	300	150	
1200	25	T_C = 55°C	KBPC2512P, KBPC2512PW	1.1 @ 12.5A	10	500	300	150	
50	35	T_C = 55°C	KBPC3500P, KBPC3500PW	1.1 @ 17.5A	10	500	400	150	
100	35	T_C = 55°C	KBPC3501P, KBPC3501PW	1.1 @ 17.5A	10	500	400	150	
200	35	T_C = 55°C	KBPC3502P, KBPC3502PW	1.1 @ 17.5A	10	500	400	150	KBPC-PW PW Suffix
400	35	T_C = 55°C	KBPC3504P, KBPC3504PW	1.1 @ 17.5A	10	500	400	150	
600	35	T_C = 55°C	KBPC3506P, KBPC3506PW	1.1 @ 17.5A	10	500	400	150	
800	35	T_C = 55°C	KBPC3508P, KBPC3508PW	1.1 @ 17.5A	10	500	400	150	
1000	35	T_C = 55°C	KBPC3510P, KBPC3510PW	1.1 @ 17.5A	10	500	400	150	
1200	35	T_C = 55°C	KBPC3512P, KBPC3512PW	1.1 @ 17.5A	10	500	400	150	
50	40	T_C = 55°C	KBPC4000P, KBPC4000PW	1.1 @ 20A	10	500	500	150	
100	40	T_C = 55°C	KBPC4001P, KBPC4001PW	1.1 @ 20A	10	500	500	150	
200	40	T_C = 55°C	KBPC4002P, KBPC4002PW	1.1 @ 20A	10	500	500	150	
400	40	T_C = 55°C	KBPC4004P, KBPC4004PW	1.1 @ 20A	10	500	500	150	
600	40	T_C = 55°C	KBPC4006P, KBPC4006PW	1.1 @ 20A	10	500	500	150	
800	40	T_C = 55°C	KBPC4008P, KBPC4008PW	1.1 @ 20A	10	500	500	150	
1000	40	T_C = 55°C	KBPC4010P, KBPC4010PW	1.1 @ 20A	10	500	500	150	
1200	40	T_C = 55°C	KBPC4012P, KBPC4012PW	1.1 @ 20A	10	500	500	150	
50	50	T_C = 55°C	KBPC5000P, KBPC5000PW	1.1 @ 25A	10	500	500	150	
100	50	T_C = 55°C	KBPC5001P, KBPC5001PW	1.1 @ 25A	10	500	500	150	
200	50	T_C = 55°C	KBPC5002P, KBPC5002PW	1.1 @ 25A	10	500	500	150	
400	50	T_C = 55°C	KBPC5004P, KBPC5004PW	1.1 @ 25A	10	500	500	150	
600	50	T_C = 55°C	KBPC5006P, KBPC5006PW	1.1 @ 25A	10	500	500	150	
800	50	T_C = 55°C	KBPC5008P, KBPC5008PW	1.1 @ 25A	10	500	500	150	
1000	50	T_C = 55°C	KBPC5010P, KBPC5010PW	1.1 @ 25A	10	500	500	150	
1200	50	T_C = 55°C	KBPC5012P, KBPC5012PW	1.1 @ 25A	10	500	500	150	





Bridge Rectifiers

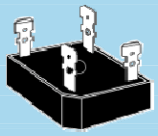
Square Type (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	10	T_C = 55°C	GBPC1000PS, KBPC1000PS	1.1 @ 5.0A	10	500	250	150	
100	10	T_C = 55°C	GBPC1001PS, KBPC1001PS	1.1 @ 5.0A	10	500	250	150	
200	10	T_C = 55°C	GBPC1002PS, KBPC1002PS	1.1 @ 5.0A	10	500	250	150	
400	10	T_C = 55°C	GBPC1004PS, KBPC1004PS	1.1 @ 5.0A	10	500	250	150	
600	10	T_C = 55°C	GBPC1006PS, KBPC1006PS	1.1 @ 5.0A	10	500	250	150	
800	10	T_C = 55°C	GBPC1008PS, KBPC1008PS	1.1 @ 5.0A	10	500	250	150	
1000	10	T_C = 55°C	GBPC1010PS, KBPC1010PS	1.1 @ 5.0A	10	500	250	150	
1200	10	T_C = 55°C	GBPC1012PS, KBPC1012PS	1.1 @ 5.0A	10	500	250	150	
1400	10	T_C = 55°C	GBPC1014PS	1.1 @ 5.0A	10	500	250	150	
1600	10	T_C = 55°C	GBPC1016PS	1.1 @ 5.0A	10	500	250	150	
50	15	T_C = 55°C	GBPC1500PS, KBPC1500PS	1.1 @ 7.5A	10	500	300	150	
100	15	T_C = 55°C	GBPC1501PS, KBPC1501PS	1.1 @ 7.5A	10	500	300	150	
200	15	T_C = 55°C	GBPC1502PS, KBPC1502PS	1.1 @ 7.5A	10	500	300	150	
400	15	T_C = 55°C	GBPC1504PS, KBPC1504PS	1.1 @ 7.5A	10	500	300	150	
600	15	T_C = 55°C	GBPC1506PS, KBPC1506PS	1.1 @ 7.5A	10	500	300	150	KBPC-PS PS Suffix
800	15	T_C = 55°C	GBPC1508PS, KBPC1508PS	1.1 @ 7.5A	10	500	300	150	
1000	15	T_C = 55°C	GBPC1510PS, KBPC1510PS	1.1 @ 7.5A	10	500	300	150	
1200	15	T_C = 55°C	GBPC1512PS, KBPC1512PS	1.1 @ 7.5A	10	500	300	150	
1400	15	T_C = 55°C	GBPC1514PS	1.1 @ 7.5A	10	500	300	150	
1600	15	T_C = 55°C	GBPC1516PS	1.1 @ 7.5A	10	500	300	150	
50	25	T_C = 55°C	GBPC2500PS, KBPC2500PS	1.1 @ 12.5A	10	500	300	150	
100	25	T_C = 55°C	GBPC2501PS, KBPC2501PS	1.1 @ 12.5A	10	500	300	150	
200	25	T_C = 55°C	GBPC2502PS, KBPC2502PS	1.1 @ 12.5A	10	500	300	150	
400	25	T_C = 55°C	GBPC2504PS, KBPC2504PS	1.1 @ 12.5A	10	500	300	150	
600	25	T_C = 55°C	GBPC2506PS, KBPC2506PS	1.1 @ 12.5A	10	500	300	150	
800	25	T_C = 55°C	GBPC2508PS, KBPC2508PS	1.1 @ 12.5A	10	500	300	150	
1000	25	T_C = 55°C	GBPC2510PS, KBPC2510PS	1.1 @ 12.5A	10	500	300	150	
1200	25	T_C = 55°C	GBPC2512PS, KBPC2512PS	1.1 @ 12.5A	10	500	300	150	
1400	25	T_C = 55°C	GBPC2514PS	1.1 @ 12.5A	10	500	300	150	
1600	25	T_C = 55°C	GBPC2516PS	1.1 @ 12.5A	10	500	300	150	
50	35	T_C = 55°C	GBPC3500PS, KBPC3500PS	1.1 @ 17.5A	10	500	400	150	
100	35	T_C = 55°C	GBPC3501PS, KBPC3501PS	1.1 @ 17.5A	10	500	400	150	
200	35	T_C = 55°C	GBPC3502PS, KBPC3502PS	1.1 @ 17.5A	10	500	400	150	
400	35	T_C = 55°C	GBPC3504PS, KBPC3504PS	1.1 @ 17.5A	10	500	400	150	
600	35	T_C = 55°C	GBPC3506PS, KBPC3506PS	1.1 @ 17.5A	10	500	400	150	
800	35	T_C = 55°C	GBPC3508PS, KBPC3508PS	1.1 @ 17.5A	10	500	400	150	
1000	35	T_C = 55°C	GBPC3510PS, KBPC3510PS	1.1 @ 17.5A	10	500	400	150	
1200	35	T_C = 55°C	GBPC3512PS, KBPC3512PS	1.1 @ 17.5A	10	500	400	150	
1400	35	T_C = 55°C	GBPC3514PS	1.1 @ 17.5A	10	500	400	150	
1600	35	T_C = 55°C	GBPC3516PS	1.1 @ 17.5A	10	500	400	150	

Devices in **bold** represent new products

Bridge Rectifiers

Square Type (continued)

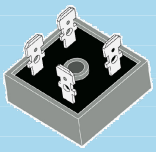
V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	40	T_C = 55°C	GBPC4000PS, KBPC4000PS	1.1 @ 20A	10	500	500	150	KBPC-PS PS Suffix 
100	40	T_C = 55°C	GBPC4001PS, KBPC4001PS	1.1 @ 20A	10	500	500	150	
200	40	T_C = 55°C	GBPC4002PS, KBPC4002PS	1.1 @ 20A	10	500	500	150	
400	40	T_C = 55°C	GBPC4004PS, KBPC4004PS	1.1 @ 20A	10	500	500	150	
600	40	T_C = 55°C	GBPC4006PS, KBPC4006PS	1.1 @ 20A	10	500	500	150	
800	40	T_C = 55°C	GBPC4008PS, KBPC4008PS	1.1 @ 20A	10	500	500	150	
1000	40	T_C = 55°C	GBPC4010PS, KBPC4010PS	1.1 @ 20A	10	500	500	150	
1200	40	T_C = 55°C	GBPC4012PS, KBPC4012PS	1.1 @ 20A	10	500	500	150	
1400	40	T_C = 55°C	GBPC4014PS	1.1 @ 20A	10	500	500	150	
1600	40	T_C = 55°C	GBPC4016PS	1.1 @ 20A	10	500	500	150	
50	50	T_C = 55°C	GBPC5000PS, KBPC5000PS	1.1 @ 25A	10	500	500	150	
100	50	T_C = 55°C	GBPC5001PS, KBPC5001PS	1.1 @ 25A	10	500	500	150	
200	50	T_C = 55°C	GBPC5002PS, KBPC5002PS	1.1 @ 25A	10	500	500	150	
400	50	T_C = 55°C	GBPC5004PS, KBPC5004PS	1.1 @ 25A	10	500	500	150	
600	50	T_C = 55°C	GBPC5006PS, KBPC5006PS	1.1 @ 25A	10	500	500	150	
800	50	T_C = 55°C	GBPC5008PS, KBPC5008PS	1.1 @ 25A	10	500	500	150	
1000	50	T_C = 55°C	GBPC5010PS, KBPC5010PS	1.1 @ 25A	10	500	500	150	
1200	50	T_C = 55°C	GBPC5012PS, KBPC5012PS	1.1 @ 25A	10	500	500	150	
1400	50	T_C = 55°C	GBPC5014PS	1.1 @ 25A	10	500	500	150	
1600	50	T_C = 55°C	GBPC5016PS	1.1 @ 25A	10	500	500	150	

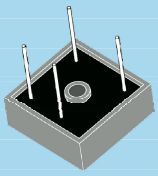
Devices in **bold** represent new products

Bridge Rectifiers

Square Type (continued)

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	10	T_C = 55°C	KBPC1000, KBPC1000W	1.1 @ 5.0A	10	500	250	150	
100	10	T_C = 55°C	KBPC1001, KBPC1001W	1.1 @ 5.0A	10	500	250	150	
200	10	T_C = 55°C	KBPC1002, KBPC1002W	1.1 @ 5.0A	10	500	250	150	
400	10	T_C = 55°C	KBPC1004, KBPC1004W	1.1 @ 5.0A	10	500	250	150	
600	10	T_C = 55°C	KBPC1006, KBPC1006W	1.1 @ 5.0A	10	500	250	150	
800	10	T_C = 55°C	KBPC1008, KBPC1008W	1.1 @ 5.0A	10	500	250	150	
1000	10	T_C = 55°C	KBPC1010, KBPC1010W	1.1 @ 5.0A	10	500	250	150	
1200	10	T_C = 55°C	KBPC1012, KBPC1012W	1.1 @ 5.0A	10	500	250	150	
50	15	T_C = 55°C	KBPC1500, KBPC1500W	1.1 @ 7.5A	10	500	300	150	
100	15	T_C = 55°C	KBPC1501, KBPC1501W	1.1 @ 7.5A	10	500	300	150	
200	15	T_C = 55°C	KBPC1502, KBPC1502W	1.1 @ 7.5A	10	500	300	150	
400	15	T_C = 55°C	KBPC1504, KBPC1504W	1.1 @ 7.5A	10	500	300	150	
600	15	T_C = 55°C	KBPC1506, KBPC1506W	1.1 @ 7.5A	10	500	300	150	
800	15	T_C = 55°C	KBPC1508, KBPC1508W	1.1 @ 7.5A	10	500	300	150	
1000	15	T_C = 55°C	KBPC1510, KBPC1510W	1.1 @ 7.5A	10	500	300	150	
1200	15	T_C = 55°C	KBPC1512, KBPC1512W	1.1 @ 7.5A	10	500	300	150	KBPC No Suffix
50	25	T_C = 55°C	KBPC2500, KBPC2500W	1.1 @ 12.5A	10	500	300	150	
100	25	T_C = 55°C	KBPC2501, KBPC2501W	1.1 @ 12.5A	10	500	300	150	
200	25	T_C = 55°C	KBPC2502, KBPC2502W	1.1 @ 12.5A	10	500	300	150	
400	25	T_C = 55°C	KBPC2504, KBPC2504W	1.1 @ 12.5A	10	500	300	150	
600	25	T_C = 55°C	KBPC2506, KBPC2506W	1.1 @ 12.5A	10	500	300	150	
800	25	T_C = 55°C	KBPC2508, KBPC2508W	1.1 @ 12.5A	10	500	300	150	
1000	25	T_C = 55°C	KBPC2510, KBPC2510W	1.1 @ 12.5A	10	500	300	150	
1200	25	T_C = 55°C	KBPC2512, KBPC2512W	1.1 @ 12.5A	10	500	300	150	
50	35	T_C = 55°C	KBPC3500, KBPC3500W	1.1 @ 17.5A	10	500	400	150	
100	35	T_C = 55°C	KBPC3501, KBPC3501W	1.1 @ 17.5A	10	500	400	150	
200	35	T_C = 55°C	KBPC3502, KBPC3502W	1.1 @ 17.5A	10	500	400	150	KBPC-W W Suffix
400	35	T_C = 55°C	KBPC3504, KBPC3504W	1.1 @ 17.5A	10	500	400	150	
600	35	T_C = 55°C	KBPC3506, KBPC3506W	1.1 @ 17.5A	10	500	400	150	
800	35	T_C = 55°C	KBPC3508, KBPC3508W	1.1 @ 17.5A	10	500	400	150	
1000	35	T_C = 55°C	KBPC3510, KBPC3510W	1.1 @ 17.5A	10	500	400	150	
1200	35	T_C = 55°C	KBPC3512, KBPC3512W	1.1 @ 17.5A	10	500	400	150	
50	40	T_C = 55°C	KBPC4000, KBPC4000W	1.1 @ 20A	10	500	500	150	
100	40	T_C = 55°C	KBPC4001, KBPC4001W	1.1 @ 20A	10	500	500	150	
200	40	T_C = 55°C	KBPC4002, KBPC4002W	1.1 @ 20A	10	500	500	150	
400	40	T_C = 55°C	KBPC4004, KBPC4004W	1.1 @ 20A	10	500	500	150	
600	40	T_C = 55°C	KBPC4006, KBPC4006W	1.1 @ 20A	10	500	500	150	
800	40	T_C = 55°C	KBPC4008, KBPC4008W	1.1 @ 20A	10	500	500	150	
1000	40	T_C = 55°C	KBPC4010, KBPC4010W	1.1 @ 20A	10	500	500	150	
1200	40	T_C = 55°C	KBPC4012, KBPC4012W	1.1 @ 20A	10	500	500	150	
50	50	T_C = 55°C	KBPC5000, KBPC5000W	1.1 @ 25A	10	500	500	150	
100	50	T_C = 55°C	KBPC5001, KBPC5001W	1.1 @ 25A	10	500	500	150	
200	50	T_C = 55°C	KBPC5002, KBPC5002W	1.1 @ 25A	10	500	500	150	
400	50	T_C = 55°C	KBPC5004, KBPC5004W	1.1 @ 25A	10	500	500	150	
600	50	T_C = 55°C	KBPC5006, KBPC5006W	1.1 @ 25A	10	500	500	150	
800	50	T_C = 55°C	KBPC5008, KBPC5008W	1.1 @ 25A	10	500	500	150	
1000	50	T_C = 55°C	KBPC5010, KBPC5010W	1.1 @ 25A	10	500	500	150	
1200	50	T_C = 55°C	KBPC5012, KBPC5012W	1.1 @ 25A	10	500	500	150	

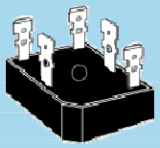


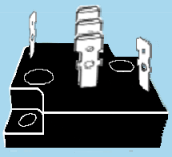


Bridge Rectifiers

Three Phase

V_{RRM} (V)	$I_{F(AV)}$ (A)	$I_{F(AV)}$ Rating Condition	Device	Max V_F @ I_F T_A = 25°C (V)	Max I_R @ V_{RRM} T_A = 25°C (µA)	Max I_R @ V_{RRM} T_A = 125°C (µA)	I_{FSM} (A)	Max T_J (°C)	Package
50	25	T_C = 70°C	MT2500	1.26 @ 40A	10	5000	375	150	
100	25	T_C = 70°C	MT2501	1.26 @ 40A	10	5000	375	150	
200	25	T_C = 70°C	MT2502	1.26 @ 40A	10	5000	375	150	
400	25	T_C = 70°C	MT2504	1.26 @ 40A	10	5000	375	150	
600	25	T_C = 70°C	MT2506	1.26 @ 40A	10	5000	375	150	
800	25	T_C = 70°C	MT2508	1.26 @ 40A	10	5000	375	150	
1000	25	T_C = 70°C	MT2510	1.26 @ 40A	10	5000	375	150	MT
1200	25	T_C = 70°C	MT2512	1.26 @ 40A	10	5000	375	150	
1400	25	T_C = 70°C	MT2514	1.26 @ 40A	10	5000	375	150	
1600	25	T_C = 70°C	MT2516	1.26 @ 40A	10	5000	375	150	
50	35	T_C = 60°C	MT3500	1.19 @ 40A	10	5000	500	150	
100	35	T_C = 60°C	MT3501	1.19 @ 40A	10	5000	500	150	
200	35	T_C = 60°C	MT3502	1.19 @ 40A	10	5000	500	150	
400	35	T_C = 60°C	MT3504	1.19 @ 40A	10	5000	500	150	
600	35	T_C = 60°C	MT3506	1.19 @ 40A	10	5000	500	150	
800	35	T_C = 60°C	MT3508	1.19 @ 40A	10	5000	500	150	
1000	35	T_C = 60°C	MT3510	1.19 @ 40A	10	5000	500	150	
1200	35	T_C = 60°C	MT3512	1.19 @ 40A	10	5000	500	150	
1400	35	T_C = 60°C	MT3514	1.19 @ 40A	10	5000	500	150	
1600	35	T_C = 60°C	MT3516	1.19 @ 40A	10	5000	500	150	
600	35	T_C = 100°C	S30VT60	1.05 @ 12.5A	10	-	350	150	SVT
800	35	T_C = 100°C	S30VT80	1.05 @ 12.5A	10	-	350	150	
1600	35	T_C = 100°C	S30VT160	1.05 @ 12.5A	10	-	350	150	
600	50	T_C = 100°C	S50VT60	1.05 @ 17.5A	10	-	500	150	
800	50	T_C = 100°C	S50VT80	1.05 @ 17.5A	10	-	500	150	
1600	50	T_C = 100°C	S50VT160	1.05 @ 17.5A	10	-	500	150	





Devices in **bold** represent new products

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