



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
	V _{RM} (V)	I _O (A)	I _{FSM} (A)	Rated I _O (A)	V _F (V)	I _R @25°C I _R (µA)	I _R @100°C I _R (µA)	R _{θJA} /R _{θJL} (°C/W)	T _J (°C)	
KBPC1005	50	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC101	100	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC102	200	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC104	400	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC106	600	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC108	800	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC110	1000	3.0	50	1.5/3.0	1.0/1.1	10	500	0.6	-55→+150	KBPC1
KBPC6005	50	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC601	100	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC602	200	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC604	400	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC606	600	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC608	800	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC610	1000	6.0	200	3.0/6.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC6
KBPC8005	50	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC801	100	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC802	200	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC804	400	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC806	600	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC808	800	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC810	1000	8.0	250	4.0/8.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC10005	50	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC1001	100	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC1002	200	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC1004	400	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC1006	600	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC1008	800	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC1010	1000	10	250	5.0/10.0	1.0/1.1	5.0	500	1.5	-55→+125	KBPC8
KBPC15005	50	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC1501	100	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC1502	200	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC1504	400	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC1506	600	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC1508	800	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC1510	1000	15	300	7.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC25005	50	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC2501	100	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC2502	200	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC2504	400	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC2506	600	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC2508	800	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC2510	1000	25	400	12.5	1.1	5.0	500	1.5	-55→+125	KBPC25
KBPC35005	50	35	400	17.5	1.1	5.0	500	1.5	-55→+125	KBPC25



KBPC1



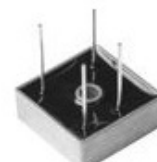
KBPC6



KBPC8



KBPC25



KBPC-W



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)	
KBPC3501	100	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3502	200	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3504	400	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3506	600	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3508	800	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC3510	1000	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC50005	50	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5001	100	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5002	200	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5004	400	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5006	600	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5008	800	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC5010	1000	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC25
KBPC1501W	100	15	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1502W	200	15	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1504W	400	15	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1506W	600	15	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1508W	800	15	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC1510W	1000	15	300	7.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC25005W	50	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2501W	100	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2502W	200	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2504W	400	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2506W	600	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2508W	800	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC2510W	1000	25	400	12.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC35005W	50	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3501W	100	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3502W	200	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3504W	400	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3506W	600	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3508W	800	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC3510W	1000	35	400	17.5	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC50005W	50	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5001W	100	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5002W	200	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5004W	400	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5006W	600	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5008W	800	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W
KBPC5010W	1000	50	500	25	1.1	5.0	500	1.5	-55~+125	KBPC-W



KBPC1



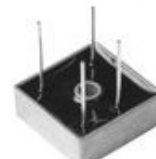
KBPC6



KBPC8



KBPC25



KBPC-W

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)	I _{rsm} (A)	Rated Io(A)	VF(V)	IR@25°C IR (μA)	IR@100°C IR (μA)	RθJA/RθJL(°C/W)	Tj(°C)	
SKBPC25005	50	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2501	100	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2502	200	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2504	400	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2506	600	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2508	800	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2510	1000	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2512	1200	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2514	1400	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC2516	1600	25	360	40	1.2	10	5000	1.4	-55~+125	SKBPC
SKBPC35005	50	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3501	100	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3502	200	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3504	400	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3506	600	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3508	800	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3510	1000	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3512	1200	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3514	1400	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC
SKBPC3516	1600	35	425	40	1.2	10	5000	1.2	-55~+125	SKBPC



SKBPC