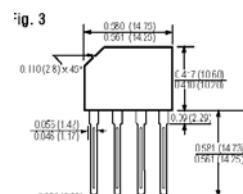
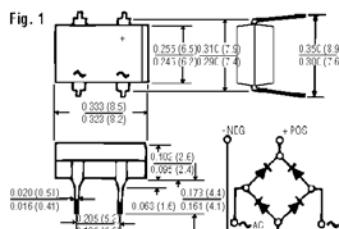
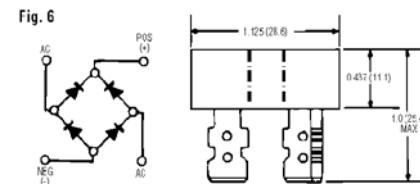
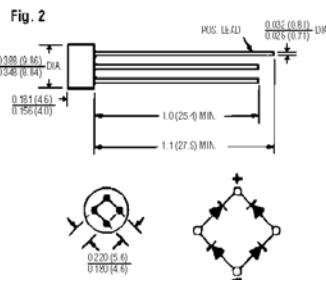
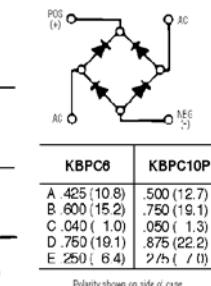
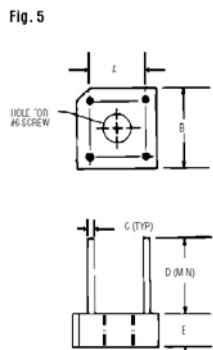


Silicon Bridge Rectifiers

Dimensions — inches (millimeters)


Mfr.'s Type	Fig.	V_{RM} V_{RDM} V_{RWM}	V_r (RMS)	I_{FSM}	I_o	V_{FM}	I_{RM} $T_c = 100^\circ C$
DF005M	1	50 V	35 V	30 A	1.0 A @ $T_c = 40^\circ C$	1.1 V	0.5 mA
DF01M	1	100 V	70 V	30 A	1.0 A @ $T_c = 40^\circ C$	1.1 V	0.5 mA
DF02M	1	200 V	140 V	30 A	1.0 A @ $T_c = 40^\circ C$	1.1 V	0.5 mA
DF04M	1	400 V	280 V	30 A	1.0 A @ $T_c = 40^\circ C$	1.1 V	0.5 mA
DF06M	1	600 V	420 V	30 A	1.0 A @ $T_c = 40^\circ C$	1.1 V	0.5 mA
DF10M	1	1000 V	700 V	30 A	1.0 A @ $T_c = 40^\circ C$	1.1 V	0.5 mA
W005G	2	50 V	35 V	40 A	1.5 A @ $T_c = 25^\circ C$	1.0 V	1.0 mA
W01G	2	100 V	70 V	40 A	1.5 A @ $T_c = 25^\circ C$	1.0 V	1.0 mA
W02G	2	200 V	140 V	40 A	1.5 A @ $T_c = 25^\circ C$	1.0 V	1.0 mA
W04G	2	400 V	280 V	40 A	1.5 A @ $T_c = 25^\circ C$	1.0 V	1.0 mA
KBP01G	3	100 V	70 V	40 A	1.5 A @ $T_c = 25^\circ C$	1.0 V	1.0 mA
KBP04G	3	400 V	280 V	40 A	1.5 A @ $T_c = 25^\circ C$	1.0 V	1.0 mA
KBL01	4	100 V	70 V	200 A	4.0 A @ $T_c = 25^\circ C$	12V	1.0 mA
KBL02	4	200 V	140 V	200 A	4.0 A @ $T_c = 25^\circ C$	12V	1.0 mA
KBL04	4	400 V	280 V	200 A	4.0 A @ $T_c = 25^\circ C$	12V	1.0 mA
KBL08	4	800 V	560 V	200 A	4.0 A @ $T_c = 25^\circ C$	12V	1.0 mA
KBL10	4	1000 V	700 V	200 A	4.0 A @ $T_c = 25^\circ C$	12V	1.0 mA
KBPC6005†	5	50 V	35 V	125 A	6.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC601†	5	100 V	70 V	125 A	6.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC602†	5	200 V	140 V	125 A	6.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC604†	5	400 V	280 V	125 A	6.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC606†	5	600 V	420 V	125 A	6.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC1001†	5	100 V	70 V	150 A	10.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC1002†	5	200 V	140 V	150 A	10.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC1004P†	5	400 V	280 V	150 A	10.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC1008P†	5	800 V	560 V	150 A	10.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC1010P†	5	1000 V	700 V	150 A	10.0 A @ $T_c = 50^\circ C$	1.1 V	1.0 mA
KBPC2501†	6	100 V	70 V	300 A	25.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC2502†	6	200 V	140 V	300 A	25.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC2504†	6	400 V	280 V	300 A	25.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC2506†	6	600 V	420 V	300 A	25.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC2508†	6	800 V	560 V	300 A	25.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3505†	6	50 V	35 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3501†	6	100 V	70 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3502†	6	200 V	140 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3504†	6	400 V	280 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3506†	6	600 V	420 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3508†	6	800 V	560 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBPC3510†	6	1000 V	700 V	400 A	35.0 A @ $T_c = 55^\circ C$	12V	1.0 mA
KBU402†	7	200 V	140 V	200 A	4.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU404†	7	400 V	280 V	200 A	4.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU602†	7	200 V	140 V	250 A	6.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU604†	7	400 V	280 V	250 A	6.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU606†	7	600 V	420 V	250 A	6.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU610†	7	1000 V	700 V	250 A	6.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU1002†	7	200 V	140 V	300 A	10.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU1004†	7	400 V	280 V	300 A	10.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU1006†	7	600 V	420 V	300 A	10.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU1010†	7	1000 V	700 V	300 A	10.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA†
KBU8005†	7	50 V	35 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
KBU801†	7	100 V	70 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
KBU802†	7	200 V	140 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
KBU804†	7	400 V	280 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
KBU806†	7	600 V	420 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
KBU808†	7	800 V	560 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
KBU810†	7	1000 V	700 V	300 A	8.0 A @ $T_c = 65^\circ C$	1.0 V	1.0 mA
MP3502†	8	200 V	140 V	400 A	35.0 A @ $T_c = 55^\circ C$	1.1 V	0.5 mA
MP3504†	8	400 V	280 V	400 A	35.0 A @ $T_c = 55^\circ C$	1.1 V	0.5 mA
MP3506†	8	600 V	420 V	400 A	35.0 A @ $T_c = 55^\circ C$	1.1 V	0.5 mA
MP3508†	8	800 V	560 V	400 A	35.0 A @ $T_c = 55^\circ C$	1.1 V	0.5 mA
MP3510†	8	1000 V	700 V	400 A	35.0 A @ $T_c = 55^\circ C$	1.1 V	0.5 mA

$T_{STB} = -55$ to $+150^\circ C$. $T_c = -55$ to $+125^\circ C$. *Molded plastic case with heatsink internally mounted in bridge encapsulation. Wire leads (0.04 dia.) available on fig. 6 and fig. 8 devices by adding "W" to the end of the part number. †Figs. 5, 6, 7, 8 — Heat sink required to maintain maximum I_o rating.