

### SILICON RUBBER PASSIVATED STANDARD RECTIFIERS

Package	A-405	DO-41	DO-15	DO-15	DO-27	R-1	R-3	R-6	R-6	R-6	A-SMA
Part No.	1N4001S 1N4007S	1N4001 1N4007	1N5391 1N5399	RL201 RL207	1N5400 1N5408	1A1 1A7	RL251 RL257	P600A P600M	8A05 8A10	10A05 10A10	M1A M7A
Io (A)	1	1	1.5	2	3	1	2.5	6	8	10	1
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1

### GLASS PASSIVATED STANDARD RECTIFIERS

Package	A-405	DO-41	DO-15	DO-15	DO-27	R-1	R-3	R-6	SMA	SMA	SMB	SMB	SMC
Part No.	1N4001SG 1N4007SG	1N4001G 1N4007G	1N5391G 1N5399G	RL201G RL207G	1N5400G 1N5408G	1A1G 1A7G	RL251G RL257G	P600AG P600MG	S1A S1M	S2AA S2MA	S2A S2M	S3AB S3MB	S3A S3M
Io (A)	1	1	1.5	2	3	1	2.5	6	1	2	2	3	3
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

### SILICON RUBBER PASSIVATED FAST RECOVERY RECTIFIERS

Package	A-405	DO-41	DO-41	DO-41	DO-15	DO-15	DO-27	R-6	A-SMA
Part No.	FR101S FR107S	FR101 FR107	BA157 BA159	1N4933 1N4937	FR151 FR157	FR201 FR207	FR301 FR307	FR601 FR607	RS1AA RS1MA
Io (A)	1	1	1	1	1.5	2	3	6	1
VR (V)	50-1000	50-1000	400-1000	50-600	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Trr (nS)	150-500	150-500	150-500	130	150-500	150-500	150-500	150-500	150-500

NOTE: Trr TEST CONDITIONS: IF=0.5A, IR=1.0A, IRR=0.25A

### GLASS PASSIVATED FAST RECOVERY RECTIFIERS

Package	A-405	DO-41	DO-41	DO-15	DO-15	DO-27	SMA	SMA	SMB	SMB	SMC
Part No.	FR101SG FR107SG	FR101G FR107G	1N4933G 1N4937G	FR151G FR157G	FR201G FR207G	FR301G FR307G	RS1A RS1M	RS2AA RS2A	RS2A RS2M	RS3AB RS3MB	RS3A RS3M
Io (A)	1	1	1	1.5	2	3	1	2	2	3	3
VR (V)	50-1000	50-1000	50-600	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Trr (nS)	150-500	150-500	130	150-500	150-500	150-500	150-500	150-500	150-500	150-500	150-500

NOTE: Trr TEST CONDITIONS: IF=0.5A, IR=1.0A, IRR=0.25A

### SILICON RUBBER PASSIVATED HIGH EFFICIENCY & ULTRA FAST RECOVERY RECTIFIERS

Package	DO-41	DO-41	DO-15	DO-15	DO-27	DO-27	A-SMA	A-SMA
Part No.	HER101 HER108	UF4001 UF4008	HER201 HER208	UF2001 UF2008	HER301 HER308	UF3001 UF3008	HS1AA HS1MA	UF1AA UF1MA
Io (A)	1	1	2	2	3	3	1	1
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7
Trr (nS)	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75

NOTE: Trr TEST CONDITIONS: IF=0.5A, IR=1.0A, IRR=0.25A

### GLASS PASSIVATED HIGH EFFICIENCY & ULTRA FAST RECOVERY RECTIFIERS

Package	DO-41	DO-15	DO-27	SMA	SMA	SMA	SMA	SMB	SMB	SMB	SMB
Part No.	HER101G HER108G	HER201G HER208G	HER301G HER308G	HS1A HS1M	UF1A UF1M	HS2AA HS2MA	UF2AA UF2MA	HS2A HS2M	UF2A UF2M	HS3AB HS3MB	UF3AB UF3MB
Io (A)	1	2	3	1	1	2	2	2	2	3	3
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7
Trr (nS)	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75

Package	SMC	SMC	TO-220AB	TO-220AC	TO-220AC	ITO-220AB	ITO-220AC	ITO-220AC	TO-3P
Part No.	HS3A HS3M	UF3A UF3M	HER1601CT HER1608CT	HER801 HER808	HER1601 HER1608	HERF1601CT HERF1608CT	HERF801 HERF808	HERF1601 HERF1608	HER3001PT HER3008PT
Io (A)	3	3	16	8	16	16	8	16	30
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7	1.0-1.7
Trr (nS)	50-75	50-75	60.0	60.0	60.0	60.0	60.0	60.0	60

NOTE: Trr TEST CONDITIONS: IF=0.5A, IR=1.0A, IRR=0.25A

### SILICON RUBBER PASSIVATED SUPER FAST RECOVERY RECTIFIERS

Package	DO-41	DO-15	DO-27	DO-27	DO-27	R-6
Part No.	SF11 SF18	SF21 SF28	SF31 SF38	SF41 SF48	SF51 SF58	SF61 SF68
Io (A)	1	2	3	4	5	6
VR (V)	50-600	50-600	50-600	50-600	50-600	50-600
VF (V)	0.95-1.3	0.95-1.3	0.95-1.3	0.95-1.3	0.95-1.3	0.95-1.3
Trr (nS)	35-50	35-50	35-50	35-50	35-50	35-50

NOTE: Trr TEST CONDITIONS: IF=0.5A, IR=1.0A, IRR=0.25A


### GLASS PASSIVATED SUPER FAST RECOVERY RECTIFIERS

Package	DO-41	DO-15	DO-27	SMA	SMA	SMB	SMB	SMC
Part No.	SF11G SF18G	SF21G SF28G	SF31G SF38G	ES1A ES1J	ES2AA ES2JA	ES2A ES2J	ES3AB ES3JB	ES3A ES3J
Io (A)	1	2	3	1	2	2	3	3
VR (V)	50-600	50-600	50-600	50-600	50-600	50-600	50-600	50-600
VF (V)	0.95-1.3	0.95-1.3	0.95-1.3	0.95-1.7	0.95-1.7	0.95-1.7	0.95-1.7	0.95-1.7
Trr (nS)	35-50	35-50	35-50	35	35	35	35	35


Package	TO-220AB	TO-220AC	TO-220AC	ITO-220AB	ITO-220AC	ITO-220AC	TO-3P
Part No.	SFF1601CT SFF1608CT	SF801 SF808	SFF1601 SFF1608	SFF1601CT SFF1608CT	SFF801 SFF808	SFF1601 SFF1608	SF3001PT SF3008PT
Io (A)	16	8	16	16	8	16	30
VR (V)	50-600	50-600	50-600	50-600	50-600	50-600	50-600
VF (V)	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3	1.0-1.3
Trr (nS)	35-50	35-50	35-50	35-50	35-50	35-50	35-50

NOTE: Trr TEST CONDITIONS: IF=0.5A, IR=1.0A, IRR=0.25A


## SCHOTTKY BARRIER RECTIFIERS




Package	DO-41	DO-41	DO-15	DO-27	DO-27	DO-27	DO-27	DO-27	DO-27
Part No.	SR120 SR1100	1N5817 1N5819	SR220 SR2100	SR320 SR3100	1N5820 1N5822	SR520 SR5100	SQ1030 SQ10100	SQ1230 SQ12100	SQ1530 SQ15100
Io (A)	1	1	2	3	3	5	10	12	15
VR (V)	20-100	20-40	20-100	20-100	20-40	20-100	30-100	30-100	30-100
VF (V)	0.55-0.85	0.45-0.6	0.55-0.85	0.55-0.85	0.45-0.6	0.55-0.85	0.55-0.8	0.55-0.8	0.55-0.8




Package	R-6	R-6	R-6	A-SMA	SMA	SMA	SMA	SMB	SMB	SMB	SMC	SMC
Part No.	10SQ030 10SQ100	12SQ030 12SQ100	15SQ030 15SQ100	SS12A SS110A	SS12 SS110	SS22A SS210A	SS32A SS310A	SS22 SS210	SS32B SS310B	SS52B SS510B	SS32 SS310	SS52 SS510
Io (A)	10	12	15	1	1	2	3	2	3	5	3	5
VR (V)	30-100	30-100	30-100	20-100	20-100	20-100	20-100	20-100	20-100	20-100	20-100	20-100
VF (V)	0.55-0.8	0.55-0.8	0.55-0.8	0.55-0.85	0.55-0.85	0.55-0.85	0.55-0.85	0.55-0.85	0.55-0.85	0.55-0.85	0.55-0.85	0.55-0.85



Package	TO-220AB	TO-220AB	TO-220AB	TO-220AB	TO-220AB	TO-220AB	TO-220AC	TO-220AC	TO-220AC	TO-220AC
Part No.	SR1030CT SR10150CT	MBR1030CT MBR10100CT	SR1630CT SR16150CT	MBR1630CT MBR16150CT	SR2030CT SR20150CT	MBR2030CT MBR20150CT	SR830 SR8100	MBR830 MBR8100	SR1030 SR10150	MBR1030 MBR10100
Io (A)	10	10	16	16	20	20	8	8	10	10
VR (V)	30-150	30-100	30-150	30-150	30-150	30-150	30-100	30-100	30-150	30-100
VF (V)	0.55-0.95	0.7-0.85	0.55-0.95	0.84-1.05	0.55-0.95	0.8-0.95	0.55-0.85	0.7-0.85	0.55-0.95	0.7-0.85




Package	TO-220AC	TO-220AC	TO-220AC	ITO-220AB	ITO-220AB	ITO-220AB	ITO-220AB	ITO-220AB	ITO-220AB
Part No.	SR1630 SR16150	MBR1630 MBR16150	25SD030 25SD060	SRF1030CT SRF10150CT	MBRF1030CT MBRF10100CT	SRF1630CT SRF16150CT	MBRF1630CT MBRF16150CT	SRF2030CT SRF20150CT	MBRF2030CT MBRF20150CT
Io (A)	16	16	25	10	10	16	16	20	20
VR (V)	30-150	30-150	30-60	30-150	30-100	30-150	30-150	30-150	30-150
VF (V)	0.55-0.95	0.63-0.95	0.55-0.7	0.55-0.95	0.7-0.85	0.55-0.95	0.84-1.05	0.55-0.95	0.8-0.95




Package	ITO-220AC	ITO-220AC	ITO-220AC	ITO-220AC	ITO-220AC	ITO-220AC	TO-3P	TO-3P
Part No.	SRF830 SRF8100	MBRF830 MBRF8100	SRF1030 SRF10150	MBRF1030 MBRF10100	SRF1630 SRF16150	MBRF1630 MBRF16150	SR3030PT SR30150PT	SR4030PT SR40150PT
Io (A)	8	8	10	10	16	16	30	40
VR (V)	30-100	30-100	30-150	30-100	30-150	30-150	30-150	30-150
VF (V)	0.55-0.85	0.7-0.85	0.55-0.95	0.7-0.85	0.55-0.95	0.63-0.95	0.55-0.95	0.55-0.95


## SILICON RUBBER PASSIVATED BRIDGE RECTIFIERS




Package	WOB	WOB	WOBM	WOBM	BR3	BR6	BR8	BR8	MP6	MP8	MP8	KBPC	KBPC
Part No.	W005 W10	2W005 2W10	W005M W10M	2W005M 2W10M	BR3005 BR310	BR6005 BR610	BR8005 BR810	BR10005S BR1010S	MP6005 MP610	MP8005 MP810	MP10005 MP1010	KBPC10005 KBPC1010	KBPC15005 KBPC1510
Io (A)	1.5	2	1.5	2	3	6	8	10	6	8	10	10	15
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1



Package	KBPC	KBPC	KBPC	KBPC-W	KBPC-W	KBPC-W	KBPC-W	KBPC-W	MKBPC	MKBPC
Part No.	KBPC25005 KBPC2510	KBPC35005 KBPC3510	KBPC50005 KBPC5010	KBPC10005W KBPC1010W	KBPC15005W KBPC1510W	KBPC25005W KBPC2510W	KBPC35005W KBPC3510W	KBPC50005W KBPC5010W	MKBPC10005 MKBPC1010	MKBPC15005 MKBPC1510
Io (A)	25	35	50	10	15	25	35	50	10	15
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	MKBPC	MKBPC	MKBPC	MKBPC-W	MKBPC-W	MKBPC-W	MKBPC-W	MKBPC-W	BR	BR
Part No.	MKBPC25005 MKBPC2510	MKBPC35005 MKBPC3510	MKBPC50005 MKBPC5010	MKBPC10005W MKBPC1010W	MKBPC15005W MKBPC1510W	MKBPC25005W MKBPC2510W	MKBPC35005W MKBPC3510W	MKBPC50005W MKBPC5010W	BR10005 BR1010	BR15005 BR1510
Io (A)	25	35	50	10	15	25	35	50	10	15
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	BR	BR	BR	BR-W	BR-W	BR-W	BR-W	BR-W	MBR	MBR	MBR
Part No.	BR25005 BR2510	BR35005 BR3510	BR50005 BR5010	BR10005W BR1010W	BR15005W BR1510W	BR25005W BR2510W	BR35005W BR3510W	BR50005W BR5010W	MBR10005 MBR1010	MBR15005 MBR1510	MBR25005 MBR2510
Io (A)	25	35	50	10	15	25	35	50	10	15	25
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	MBR	MBR	MBR-W	MBR-W	MBR-W	MBR-W	MBR-W	BR-L	BR-L	BR-L	BR-L
Part No.	MBR35005 MBR3510	MBR50005 MBR5010	MBR10005W MBR1010W	MBR15005W MBR1510W	MBR25005W MBR2510W	MBR35005W MBR3510W	MBR50005W MBR5010W	BR1005L BR1010L	BR1505L BR1510L	BR2505L BR2510L	BR3505L BR3510L
Io (A)	35	50	10	15	25	35	50	10	15	25	35
VR (V)	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000	50-1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

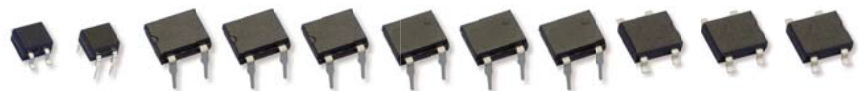


Package	RS-2	RS-5	KBL	KBL	KBU	KBU	KBU	KBU	KBU	KBU	KBU
Part No.	RS201	RS501	KBL005	KBL6005	KBU4005	KBU6005	KBU8005	KBU10005	KBU15005	KBU25005	KBU35005
Io (A)	2	5	4	6	4	6	8	10	15	25	35
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1

## GLASS PASSIVATED BRIDGE RECTIFIERS



Package	WOB	WOB	WOB	WOB	BR6	BR8	BR10	MP6	MP8	MP10
Part No.	W005G	2W005G	W005MG	2W005MG	BR6005G	BR8005G	BR10005G	MP6005G	MP8005G	MP10005G
Io (A)	1.5	2	1.5	2	6	8	10	6	8	10
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



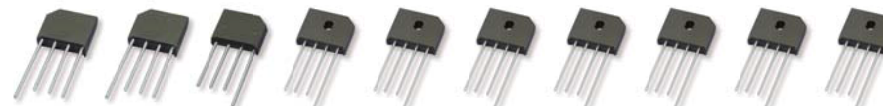
Package	MBS	MBM	DF	DF	DF	DB	DB	DB	DFS	DFS	DFS
Part No.	B05S	MB05M	DF005	DF15005	DF2005	DB101	DB151	DB201	DF005S	DF15005S	DF2005S
Io (A)	0.8	0.8	1	1.5	2	1	1.5	2	1	1.5	2
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	DBS	DBS	DBS	GBPC	GBPC	GBPC	GBPC	GBPC-W	GBPC-W
Part No.	DB101S	DB151S	DB201S	GBPC15005	GBPC25005	GBPC35005	GBPC50005	GBPC15005W	GBPC25005W
Io (A)	1	1.5	2	15	25	35	50	15	25
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



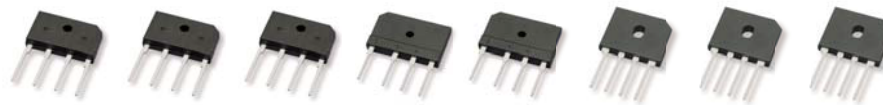
Package	GBPC-W	GBPC-W	CVB	RS-1	TBP	TBP	KBP	KBP	GBP	GBP
Part No.	GBPC35005W	GBPC50005W	C50VB80	RS101G	TBP005G	TBP2005G	KBP005G	KBP2005G	GBP005	GBP2005
Io (A)	35	50	50	1.5	1.5	2	1.5	2	1.5	2
VR (V)	50~1000	50~1000	800~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	KBL	KBL	TBL	TBU	TBU	TBU	TBU	TBU	TBU	TBU
Part No.	KBL005G	KBL6005G	TBL005G	TBU4005G	TBU6005G	TBU8005G	TBU10005G	TBU15005G	TBU25005G	TBU35005G
Io (A)	4	6	4	4	6	8	10	15	25	35
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	KBU	KBU	KBU	KBU	KBU	KBU	KBU	2GBJ	2GBJ
Part No.	KBU4005G	KBU6005G	KBU8005G	KBU10005G	KBU15005G	KBU25005G	KBU35005G	2GBJ005	GBL005
Io (A)	4	6	8	10	15	25	35	2	4
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



Package	4GBJ	4GBJ	4GBJ	GBJ	GBJ	GBU	GBU	GBU
Part No.	4GBJ4005	4GBJ6005	4GBJ8005	GBJ6005	GBJ8005	GBU4005	GBU6005	GBU8005
Io (A)	4	6	8	6	8	4	6	8
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

## GLASS PASSIVATED BRIDGE RECTIFIERS



Package	4GBJ	GBJ	GBJ	GBJ	GBJ	GBU	GBU	GBU
Part No.	4GBJ10005	GBJ10005	GBJ15005	GBJ20005	GBJ25005	GBU10005	GBU15005	GBU25005
Io (A)	10	10	15	20	25	10	15	25
VR (V)	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000	50~1000
VF (V)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

## THREE PHASE BRIDGE RECTIFIERS



Package	SBR	SBR	SCVB	SCVB	SCVB	SCVB
Part No.	SBR2500	SBR3500	SC35VB80	SC35VB160	SC50VB80	SC50VB160
Io (A)	25	35	35	35	50	50
VR (V)	50~1600	50~1600	800	1600	800	1600
VF (V)	1.26	1.19	1.05	1.1	1.05	1.1

