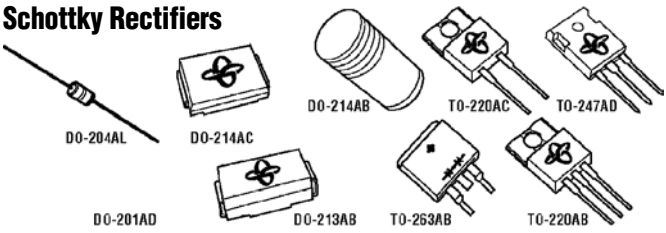


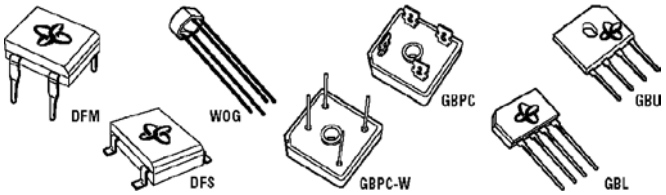
Schottky Rectifiers



Mfr.'s Type	If (AV) (A)	Package		V _{RR} Range (V)	Max. V _r @ I _r	
		Family	Type		(V)	(A)
1N5817	1.0	Plastic Axial	DO-204AL (DO-41)	20	0.450/0.60	1.0
1N5818	1.0	Plastic Axial	DO-204AL (DO-41)	30	0.450/0.60	1.0
1N5819	1.0	Plastic Axial	DO-204AL (DO-41)	40	0.450/0.60	1.0
1N5820	3.0	Plastic Axial	DO-201AD	20	0.475/0.52	3.0
1N5821	3.0	Plastic Axial	DO-201AD	30	0.475/0.52	3.0
1N5822	3.0	Plastic Axial	DO-201AD	40	0.475/0.52	3.0
SS14	1.0	Plastic SMD	DO-214AC (SMA)	40	0.500/0.75	1.0
SS16	1.0	Plastic SMD	DO-214AC (SMA)	60	0.500/0.75	1.0
SGL41-40	1.0	Plastic SMD	DO-213AB (MELF)	40	0.500/0.70	1.0
SS34	3.0	Plastic SMD	DO-214AB (SMC)	40	0.500/0.75	3.0
MBRR1045	10.0	Power-Pack SMD	TO-263AB (D $\pm$ PAK)	40	0.840/0.95	20.0/10.0
MBRR1060	10.0	Power-Pack SMD	TO-263AB (D $\pm$ PAK)	50	0.840/0.95	20.0/10.0
MBRB2045CT	20.0	Plastic Power-Pack*	TO-263AB (D $\pm$ PAK)	45	0.840/0.95	20.0/10.0
MBR1745	7.5	Plastic Power-Pack	TO-220AC	45	0.840/0.75	15.0/7.5
MBR1045	10.0	Plastic Power-Pack	TO-220AC	40	0.840/0.95	20.0/10.0
MBR1060	10.0	Plastic Power-Pack	TO-220AC	50	0.840/0.95	20.0/10.0
MBR1645	16.0	Plastic Power-Pack	TO-220AC	45	0.630/0.75	16.0
MBR2045CT	20.0	Plastic Power-Pack*	TO-220AB	45	0.840/0.95	20.0/10.0
MBR2545CT	25.0	Plastic Power-Pack*	TO-220AB	45	0.820/0.75	30.0/15.0
MBR3045PT	30.0	Plastic Power-Pack*	TO-247AD	45	0.760/0.75	30.0/20.0

*Dual center-tapped device (V_r limit @ I_r is per leg). All schottky die are planar with oxide passivation.

Single-Phase Bridge Rectifiers



Mfr.'s Type	If (AV) (A)	Package		V _{RR} Range (V)	Max.* V _r @ I _r	
		Family	Type		(V)	(A)
DF04M	1.0	Dual In-Line	DFM	400	1.100	1.0
DF04S	1.0	Dual In-Line (SMD)	DFS	400	1.100	1.0
DF10M	1.0	Dual In-Line	DFM	1000	1.100	1.0
DF10S	1.0	Dual In-Line (SMD)	DFS	1000	1.100	1.0
W04G	1.5	WOG	WOG	400	1.000	1.0
2W04G	2.0	WOG	WOG	400	1.100	2.0
GBPC1504	15.0	GBPC with Fast-On Lugs	GBPC12-35	400	1.100	7.5
GBPC1504W	15.0	GBPC with Wire Leads	GBPC12-35W	400	1.100	7.5
GBPC2506	25.0	GBPC with Fast-On Lugs	GBPC12-35	600	1.100	12.5
GBPC2510W	25.0	GBPC with Wire Leads	GBPC12-35W	1000	1.100	12.5
GBPC3504	25.0	GBPC with Fast-On Lugs	GBPC12-35	400	1.100	17.5
GBPC3510W	35.0	GBPC with Wire Leads	GBPC12-35W	1000	1.100	17.5
GBL04	4.0	Single In-Line	GBL	400	1.100	4.0
GBU4G	4.0	Single In-Line with Mounting Hole	GBU	400	1.000	4.0
GBU6G	6.0	Single In-Line with Mounting Hole	GBU	400	1.000	6.0
GBU8G	8.0	Single In-Line with Mounting Hole	GBU	400	1.000	8.0

*V_r limits are per leg. All bridges use glass passivated chips.

Fast, Ultrafast Recovery Rectifiers



Mfr.'s Type	If (AV) (A)	Package		V _{RR} Range (V)	Max. V _r @ I _r		t _{rr} (ns)
		Family	Type		(V)	(A)	
1N4935	1.0	Plastic Axial	DO-204AL (DO-41)	200	1.2	1.00	200
1N4937	1.0	Plastic Axial	DO-204AL (DO-41)	600	1.2	1.00	200
1N4935GP	1.0	SUPERRECTIFIER Axial	DO-204AL (DO-41)	200	1.2	1.00	200
1N4937GP	1.0	SUPERRECTIFIER Axial	DO-204AL (DO-41)	600	1.2	1.00	200
UF4004	1.0	Plastic Axial*	DO-204AL (DO-41)	400	1.0/1.70	1.05	50/75
UF4007	1.0	Plastic Axial*	DO-204AL (DO-41)	1000	1.0/1.70	1.05	50/75
UF5405	3.0	Plastic Axial*	DO-201AD	500	1.0/1.70	3.00	50/75
UF5408	3.0	Plastic Axial*	DO-201AD	1000	1.0/1.70	3.00	50/75
ES2D	2.0	Plastic SMD*	DO-214AA (SMB)	200	0.9	2.00	20
EGL41G	1.0	SUPERRECTIFIER SMD	DO-213AB (MELF)	400	1.0/1.25	1.00	50

*Glass passivated die.

Transient Voltage Suppressors



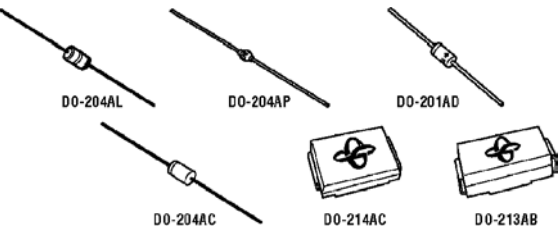
Plastic Axial

Mfr.'s Type				P _{RM} (W)	V _{WM} (V)	V _{RR} Range (V)
DO-204AC (DO-15)		1.5KE				
Unidirectional	Bidirectional	Unidirectional	Bidirectional			
P6KE6.8A	P6KE6.8CA	—	—	600	5.5	6.8
P6KE7.5A	P6KE7.5CA	—	—	600	6.1	7.5
P6KE18A	P6KE18CA	—	—	600	14.5	18.0
P6KE24A	P6KE24CA	—	—	600	19.4	24.0
P6KE30A	P6KE30CA	—	—	600	24.3	30.0
P6KE33A	P6KE33CA	—	—	600	26.8	33.0
P6KE36A	P6KE36CA	—	—	600	29.1	36.0
—	—	1.5KE6.8A	1.5KE6.8CA	1500	5.5	6.8
—	—	1.5KE7.5A	1.5KE7.5CA	1500	6.1	7.5
—	—	1.5KE8.2A	1.5KE8.2CA	1500	6.6	8.2
—	—	1.5KE15A	1.5KE15CA	1500	12.1	15.0
—	—	1.5KE18A	1.5KE18CA	1500	14.5	18.0
—	—	1.5KE22A	1.5KE22CA	1500	17.8	22.0
—	—	1.5KE33A	1.5KE33CA	1500	26.8	33.0
—	—	1.5KE62A	1.5KE62CA	1500	50.2	62.0
—	—	1.5KE100A	1.5KE100CA	1500	81.0	100.0
—	—	1.5KE200A	1.5KE200CA	1500	62.0	200.0

Surface Mount

Mfr.'s Type		P _{RM} (W)	V _{WM} (V)	V _{BR} Range (V)
DO-214AA (SMB)				
Unidirectional	Bidirectional			
SMBJ5.0A	SMBJ5.0CA	600	5.0	6.4
SMBJ7.5A	SMBJ7.5CA	600	7.5	8.3
SMBJ12.0A	SMBJ12.0CA	600	12.0	13.3
SMBJ15A	SMBJ15CA	600	15.0	16.7
SMBJ33A	SMBJ33CA	600	33.0	36.7
SMBJ36A	SMBJ36CA	600	36.0	40.0
SMBJ100A	SMBJ100CA	600	100.0	111.0

Standard Rectifiers



Mfr.'s Type	If (AV) (A)	Package		V _{RR} Range (V)	Max. V _r @ I _r	
		Family	Type		(V)	(A)
1N4004	1.0	Plastic Axial	DO-204AL (DO-41)	400	1.1	1.0
1N4005	1.0	Plastic Axial	DO-204AL (DO-41)	600	1.1	1.0
1N4007	1.0	Plastic Axial	DO-204AL (DO-41)	1000	1.1	1.0
1N4245	1.0	Glass Axial	DO-204AP	200	1.2	1.0
1N4246	1.0	Glass Axial	DO-204AP	400	1.2	1.0
1N4247	1.0	Glass Axial	DO-204AP	600	1.2	1.0
1N4248	1.0	Glass Axial	DO-204AP	800	1.2	1.0
1N4249	1.0	Glass Axial	DO-204AP	1000	1.2	1.0
1N5059	1.0	Glass Axial	DO-204AP	200	1.2	1.0
1N5060	1.0	Glass Axial	DO-204AP	400	1.2	1.0
1N5061	1.0	Glass Axial	DO-204AP	600	1.2	1.0
1N5062	1.0	Glass Axial	DO-204AP	800	1.2	1.0
1N5404	3.0	Plastic Axial	DO-201AD	400	1.2	3.0
1N5406	3.0	Plastic Axial	DO-201AD	600	1.2	3.0
1N5408	3.0	Plastic Axial	DO-201AD	1000	1.2	3.0
1N5399	1.5	Plastic Axial	DO-204AC (DO-15)	1000	1.4	1.5
1N5614	1.0	Glass Axial	DO-204AP	200	1.2	1.0
1N5616	1.0	Glass Axial	DO-204AP	400	1.2	1.0
1N5618	1.0	Glass Axial	DO-204AP	600	1.2	1.0
1N5620	1.0	Glass Axial	DO-204AP	800	1.2	1.0
1N5622	1.0	Glass Axial	DO-204AP	1000	1.2	1.0
S1G	1.0	Plastic SMD*	DO-214AC (SMA)	400	1.1	1.0
S1M	1.0	Plastic SMD*	DO-214AC (SMA)	400	1.1	1.0
GL41G	1.0	SUPERRECTIFIER SMD	DO-213AB (MELF)	400	1.1/1.2	1.0

*Glass passivated die.