

Schottky Rectifiers

DEVICE	IF(AV) (A)	PACKAGE		V(BR) RANGE (V)	MAX VF (V)	@	IF (A)
		FAMILY ⁽²⁾	TYPE				
MBR0520L	0.5	Plastic SMD	SOD-123	20	0.385		0.5
MBR0530		Plastic SMD	SOD-123	30	0.43		0.5
MBR0540		Plastic SMD	SOD-123	40	0.51		0.5
SB020 - SB060	0.6	Plastic Axial	MPG06	20 - 60	0.55 / 0.70		0.6
1N5817 - 1N5819	1.0	Plastic Axial	DO-204AL (DO-41)	20 - 40	0.45 - 0.60		1.0
1N5817M - 1N5819M		Glass SMD	Glass MELF	20 - 40	0.45 - 0.60		1.0
BYM13-xx		Plastic SMD	DO-213AB (MELF)	20 - 60	0.50 - 0.70		1.0
SB120 - SB160		Plastic Axial	DO-204AL (DO-41)	20 - 60	0.50 - 0.70		1.0
SB1H90 - SB1H100		Plastic Axial	DO-204AL (DO-41)	90 - 100	0.77		1.0
SGL41-xx		Plastic SMD	DO-213AB (MELF)	20 - 60	0.50 - 0.70		1.0
SS12 - SS16		Plastic SMD	DO-214AC (SMA)	20 - 60	0.50 - 0.75		1.0
SS1H9 - SS1H10		Plastic SMD	DO-214AC (SMA)	90 - 100	0.77		1.0
BYS10		Plastic SMD	DO-214AC (SMA)	25 - 45	0.5		1.0
BYS11-90		Plastic SMD	DO-214AC (SMA)	90	0.9		1.0
BYS12-90		Plastic SMD	DO-214AC (SMA)	90	0.36		0.015
BYS13-90		Plastic SMD	DO-214AC (SMA)	90	0.95		3.0
S397D		Plastic SMD	DO-214AC (SMA)	60	0.75		1.0
SL02 - SL04	1.1	Plastic SMD	DO-219 (SMF)	20 - 40	0.41/0.45/0.53		1.1
SL12 - SL13	1.5	Plastic SMD	DO-214AC (SMA)	20 - 30	0.36 / 0.445		0.1 / 1.0
SS29 - SS210		Plastic SMD	DO-214AA(SMB)	90 - 100	0.75		1.0
SB220 - SB260	2.0	Plastic Axial	DO-204AC (DO-15)	20 - 60	0.68		2.0
SB2H90 - SB2H100		Plastic Axial	DO-204AC (DO-15)	90 - 100	0.79		2.0
SL22 - SL23		Plastic SMD	DO-214AA (SMB)	20 - 30	0.395 / 0.44		1.0 / 2.0
SS22 - SS26		Plastic SMD	DO-214AA (SMB)	20 - 60	0.50 - 0.75		2.0
SS2H9 - SS2H10		Plastic SMD	DO-214AA (SMB)	90 - 100	0.79		2.0
1N5820 - 1N5822	3.0	Plastic Axial	DO-201AD	20 - 40	0.475 - 0.525		3.0
SB320 - SB360		Plastic Axial	DO-201AD	20 - 60	0.50 - 0.74		3.0
SB3H90 - SB3H100		Plastic Axial	DO-201AD	90 - 100	0.8		3.0
SS32 - SS36		Plastic SMD	DO-214AB (SMC)	20 - 60	0.5 - 0.75		3.0
SS3H9 - SS3H10		Plastic SMD	DO-214AB (SMC)	90 - 100	0.8		3.0
SL42 - SL43	4.0	Plastic SMD	DO-214AB (SMC)	20 - 30	0.42 / 0.47		4.0 / 8.0
SL44		Plastic SMD	DO-214AB (SMC)	40	0.44 / 0.50		4.0 / 8.0
SB520 - SB560	5.0	Plastic Axial	DO-201AD	20 - 60	0.55 - 0.67		5.0
SB5H90 - SB5H100		Plastic Axial	DO-201AD	90 - 100	0.8		5.0
MBR735 - MBR760	7.5	Plastic Power-pack	TO-220AC	35 - 60	0.84 / 0.75 ⁽³⁾		15 / 7.5
MBRB735 - MBRB760		Power-pack SMD	TO-263AB (D ² PAK)	35 - 60	0.84 / 0.75 ⁽³⁾		15 / 7.5
MBRF735 - MBRF760		Isolated Power-pack	ITO-220AC	35 - 60	0.84 / 0.75 ⁽³⁾		15 / 7.5

Notes:

(1) Dual center-tapped device (VF limit @ IF is per leg)

(2) All Schottky die are planar with oxide passivation

(3) 35V–45V product / 50V–60V product



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DEVICE	IF(AV) (A)	PACKAGE		V(BR) RANGE (V)	MAX VF (V)	@ IF	IF (A)
		FAMILY ⁽²⁾	TYPE				
MBR1035 - MBR1060	10	Plastic Power-pack	TO-220AC	35 - 60	0.84 / 0.80 ⁽³⁾		20 / 10
MBRB1035 - MBRB1060		Power-pack SMD	TO-263AB (D ² PAK)	35 - 60	0.84 / 0.80 ⁽³⁾		20 / 10
MBRF1035 - MBRF1060		Isolated Power-pack	ITO-220AC	35 - 60	0.84 / 0.80 ⁽³⁾		20 / 10
MBR1090 - MBR10100		Plastic Power-pack	TO-220AC	90 - 100	0.8		10
MBRB1090 - MBRB10100		Power-pack SMD	TO-263AB (D ² PAK)	90 - 100	0.8		10
MBRF1090 - MBRF10100		Isolated Power-pack	ITO-220AC	90 - 100	0.8		10
MBR1090CT - MBR10100CT		Plastic Power-pack ⁽¹⁾	TO-220AB	90 - 100	0.85		5.0
MBRF1090CT - MBRF10100CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	90 - 100	0.85		5.0
MBR10H90 - MBR10H100		Plastic Power-pack	TO-220AC	90 - 100	0.77		10
MBRB10H90 - MBRB10H100		Power-pack SMD	TO-263AB (D ² PAK)	90 - 100	0.77		10
MBRF10H90 - MBRF10H100		Isolated Power-pack	ITO-220AC	90 - 100	0.77		10
MBR10H90CT - MBR10H100CT		Plastic Power-pack ⁽¹⁾	TO-220AB	90 - 100	0.76		5.0
MBRB10H90CT - MBRB10H100CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	90 - 100	0.76		5.0
MBRF10H90CT - MBRF10H100CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	90 - 100	0.76		5.0
SBL1030 - SBL1040		Plastic Power-pack	TO-220AC	30 - 40	0.55		10
SBLB1030 - SBLB1040		Power-pack SMD	TO-263AB (D ² PAK)	30 - 40	0.55		10
SBLF1030 - SBLF1040		Isolated Power-pack	ITO-220AC	30 - 40	0.55		10
SBL1030CT - SBL1040CT		Plastic Power-pack ⁽¹⁾	TO-220AB	30 - 40	0.55		5.0
SBLB1030CT - SBLB1040CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	30 - 40	0.55		5.0
SBLF1030CT - SBLF1040CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	30 - 40	0.55		5.0
SBL10L25		Plastic Power-pack	TO-220AC	25	0.46		10
SBLB10L25		Power-pack SMD	TO-263AB (D ² PAK)	25	0.46		10
SBLF10L25		Isolated Power-pack	ITO-220AC	25	0.46		10
SBL10L30		Plastic Power-pack	TO-220AC	30	0.52		10
SBLB10L30		Power-pack SMD	TO-263AB (D ² PAK)	30	0.52		10
SBLF10L30		Isolated Power-pack	ITO-220AC	30	0.52		10
MBR1535CT - MBR1560CT	15	Plastic Power-pack ⁽¹⁾	TO-220AB	35 - 60	0.84 / 0.75 ⁽³⁾		15 / 7.5
MBRB1535CT - MBRB1560CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	35 - 60	0.84 / 0.75 ⁽³⁾		15 / 7.5
MBRF1535CT - MBRF1560CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	35 - 60	0.84 / 0.75 ⁽³⁾		15 / 7.5
MBR1635 - MBR1660	16	Plastic Power-pack	TO-220AC	35 - 60	0.63 / 0.75 ⁽³⁾		16
MBRB1635 - MBRB1660		Power-pack SMD	TO-263AB (D ² PAK)	35 - 60	0.63 / 0.75 ⁽³⁾		16
MBRF1635 - MBRF1660		Isolated Power-pack	ITO-220AC	35 - 60	0.63 / 0.75 ⁽³⁾		16
SBL1630CT - SBL1640CT		Plastic Power-pack ⁽¹⁾	TO-220AB	30 - 40	0.55		8.0
SBLB1630CT - SBLB1640CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	30 - 40	0.55		8.0
SBLF1630CT - SBLF1640CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	30 - 40	0.55		8.0

Notes:

(1) Dual center-tapped device (VF limit @ IF is per leg)

(2) All Schottky die are planar with oxide passivation

(3) 35V–45V product / 50V–60V product

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		FAMILY ⁽²⁾	TYPE				
MBR2035CT - MBR2060CT	20	Plastic Power-pack ⁽¹⁾	TO-220AB	35 - 60	0.84 / 0.80 ⁽³⁾		20 / 10
MBRB2035CT - MBRB2060CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	35 - 60	0.84 / 0.80 ⁽³⁾		20 / 10
MBRF2035CT - MBRF2660CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	35 - 60	0.84 / 0.80 ⁽³⁾		20 / 10
MBR2090CT - MBR20100CT		Plastic Power-pack ⁽¹⁾	TO-220AB	90 - 100	0.80		10
MBRB2090CT - MBRB20100CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	90 - 100	0.80		10
MBRF2090CT - MBRF20100CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	90 - 100	0.80		10
MBR20H90CT - MBR20H100CT		Plastic Power-pack ⁽¹⁾	TO-220AB	90 - 100	0.77		10
MBRB20H90CT - MBRB20H100CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	90 - 100	0.77		10
MBRF20H90CT - MBRF20H100CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	90 - 100	0.77		10
SBL2030CT - SBL2040CT		Plastic Power-pack ⁽¹⁾	TO-220AB	30 - 40	0.55		10
SBLB2030CT - SBL2040CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	30 - 40	0.55		10
SBLF2030CT - SBL2040CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	30 - 40	0.55		10
SBL2030PT - SBL2040PT		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	30 - 40	0.55		10
SBL20L15		Plastic Power-pack	TO-220AC	15	0.41		19
SBLB20L15		Power-pack SMD	TO-263AB (D ² PAK)	15	0.41		19
SBLF20L15		Isolated Power-pack	ITO-220AC	15	0.41		19
SBL25L20CT - SBL25L30CT	25	Plastic Power-pack ⁽¹⁾	TO-220AB	20 - 30	0.49		12.5
SBLB25L20CT - SBLB25L30CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	20 - 30	0.49		12.5
SBLF25L20CT - SBLF25L30CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	20 - 30	0.49		12.5
MBR2535CT - MBR2560CT	30	Plastic Power-pack ⁽¹⁾	TO-220AB	35 - 60	0.82 / 0.75 ⁽³⁾		30 / 15
MBRB2535CT - MBRB2560CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	35 - 60	0.82 / 0.75 ⁽³⁾		30 / 15
MBRF2535CT - MBRF2560CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	35 - 60	0.82 / 0.75 ⁽³⁾		30 / 15
MBR3035CT - MBR3045CT		Plastic Power-pack ⁽¹⁾	TO-220AB	35 - 45	0.76		30
MBRB3035CT - MBRB3045CT		Power-pack SMD ⁽¹⁾	TO-263AB (D ² PAK)	35 - 45	0.76		30
MBRF3035CT - MBRF3045CT		Isolated Power-pack ⁽¹⁾	ITO-220AB	35 - 45	0.76		30
MBR3035PT - MBR3060PT		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	35 - 60	0.76 / 0.75 ⁽³⁾		30 / 20
MBR30H90PT - MBR30H100PT		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	90 - 100	0.84		15
SBL3030PT - SBL3040PT		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	30 - 40	0.55		15
SD241P		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	45	0.47 / 0.60		10/20 (125°C)
MBR4035PT - MBR4060PT	40	Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	35 - 60	0.70 / 0.72 ⁽³⁾		20
SBL4030PT - SBL4040PT		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	30 - 40	0.58		20
SBL40L15PT		Plastic Power-pack ⁽¹⁾	TO-247AD (TO-3P)	15	0.41		19

Notes:

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(2) All Schottky die are planar with oxide passivation

(3) 35V–45V product / 50V–60V product



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DEVICE ⁽¹⁾	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
EGL34y	0.5	SUPERECTIFIER® SMD	DO-213AA (MiniMELF)	50 - 400	1.25 / 1.35	0.5	50
UG06y	0.6	Plastic Axial ⁽²⁾	MPG06	50 - 200	0.95	0.6	15
BYM12-xxx	1.0	SUPERECTIFIER® SMD	DO-213AB (MELF)	50 - 400	1.0 / 1.25	1.0	50
BYV26A-E		Sinterglass Axial	SOD57	200 - 1000	2.5	1.0	30 / 75
BYV26DGP & EGP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	800 - 1000	2.5	1.0	75
EGF1y		SUPERECTIFIER® SMD	DO-214BA (GF1)	50 - 200	1.0	1.0	50
EGL41y		SUPERECTIFIER® SMD	DO-213AB (MELF)	50 - 400	1.0 / 1.25	1.0	50
EGP10x		SUPERECTIFIER® Axial	DO-204AL (DO-41)	50 - 400	0.95 / 1.25	1.0	50
ES1y		Plastic SMD ⁽²⁾	DO-214AC (SMA)	50 - 200	0.92	1.0	15
FE1y		Sinterglass Axial	DO-204AP	50 - 200	0.95	1.0	35
GI1001 - G1004		Sinterglass Axial	DO-204AP	50 - 200	0.975	1.0	25
MUR120		Plastic Axial ⁽²⁾	DO-204AC (DO-15)	200	0.875 / 1.25	1.0	25 / 50
MUR140 - MUR160		Plastic Axial ⁽²⁾	DO-204AC (DO-15)	400 - 600	0.875 / 1.25	1.0	25 / 50
MURS120		Plastic SMD ⁽²⁾	DO-214AA (SMB)	200	0.875 / 1.25	1.0	25 / 50
MURS140 - MURS160		Plastic SMD ⁽²⁾	DO-214AA (SMB)	400 - 600	0.875 / 1.25	1.0	25 / 50
SBYV26C		SUPERECTIFIER® Axial	DO-204AL (DO-41)	600	2.5	1.0	30
SF4001 - SF4007		Sinterglass Axial	SOD57	50 - 1000	1.0 / 1.7	1.0	50 / 75
SF1200 / SF1600		Sinterglass Axial	SOD57	1200 / 1600	3.4	1.0	75
UF4001 - UF4007		Plastic Axial ⁽²⁾	DO-204AL (DO-41)	50 - 1000	1.0 / 1.7	1.1	50 / 75
UG1y		Plastic Axial ⁽²⁾	DO-204AL (DO-41)	50 - 200	0.95	1.0	15
US1y		Plastic SMD ⁽²⁾	DO-214AC (SMA)	50 - 1000	1.0 / 1.7	1.1	50 / 75
BYG20	1.5	Plastic SMD ⁽²⁾	DO-214AC (SMA)	200 - 600	1.3	1.0	75
BGY23M		Plastic SMD ⁽²⁾	DO-214AC (SMA)	1000	1.7	1.0	75
SUF15y		Plastic Axial ⁽²⁾	GP20	400 & 600	1.8	1.5	35
BYT53	1.9	Sinterglass Axial	SOD57	50 - 400	1.1	1.0	50
BYG22	2.0	Plastic SMD ⁽²⁾	DO-214AC (SMA)	50 - 200	1.1	2.0	25
BYV27/50 - 600		Sinterglass Axial	SOD57	50 - 600	1.07 / 135	3.0	25 / 40
EGP20y		SUPERECTIFIER® Axial	DO-204AC (DO-15)	50 - 400	0.95 / 1.25	2.0	50
ES2A - ES2D		Plastic SMD ⁽²⁾	DO-214AA (SMB)	50 - 200	0.9	2.0	20
ES2F - ES2G		Plastic SMD ⁽²⁾	DO-214AA (SMB)	300 - 400	1.1	2.0	35
FE2y		Sinterglass Axial	DO-204AP	50 - 200	0.95	2.0	35
SBYV27-xxx		Plastic Axial ⁽²⁾	DO-204AC (DO-15)	50 - 200	1.07	3.0	15
UG2y		Plastic Axial ⁽²⁾	DO-204AC (DO-15)	50 - 200	0.95	2.0	15

Notes:

(1) "x" designates a number that indicates voltage or is part of a sequence

"y" designates reverse voltage, where:

A=50V C=150V F=300V H=500V

B=100V D=200V G=400V J=600V

(2) Glass passivated die

(3) Dual center-tapped device (V_F limit @ I_F is per leg)

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DEVICE ⁽¹⁾	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
31GF4	3.0	Plastic Axial ⁽²⁾	DO-201AD	400	1.25	3.0	30
31GF6		Plastic Axial ⁽²⁾	DO-201AD	600	1.6	3.0	30
BYW178		Sinterglass Axial	SOD64	800	1.9	3.0	60
EGP30y		SUPERRECTIFIER® Axial	GP20	50 - 400	0.95 / 1.25	3.0	50
ES3y		Plastic SMD ⁽²⁾	DO-214AB (SMC)	50 - 200	0.9	3.0	20
ES3F - ES3G		Plastic SMD ⁽²⁾	DO-214AB (SMC)	300 - 400	1.1	3.0	35
FE3y		Sinterglass Axial	G4	50 - 200	0.95	3.0	35
MURD320		Power-pack SMD ⁽²⁾	TO-252 (DPAK)	200	0.95	3.0	25
MURS320		Plastic SMD ⁽²⁾	DO-214AB (SMC)	200	0.875	3.0	25
SF5400 - SF5407		Sinterglass Axial	SOD64	50 - 1000	1.1 / 1.7	3.0	50 / 75
SUF30y		Plastic Axial ⁽²⁾	P600	400 & 600	1.8/2.0	3.0	35
UF5400 - UF5408		Plastic Axial ⁽²⁾	DO-201AD	50 - 1000	1.0 / 1.7	3.0	50 / 75
BYV28/50-600	3.5	Sinterglass Axial	SOD64	50 - 600	1.1 / 1.35	5.0	30 / 50
SBYV28-xxx		Plastic Axial ⁽²⁾	DO-201AD	50 - 200	1.1	3.5	20
MUR420	4.0	Plastic Axial ⁽²⁾	DO-201AD	200	0.89	4.0	25
MUR440 - MUR460		Plastic Axial ⁽²⁾	DO-201AD	400 - 600	1.28	4.0	50
UG4y		Plastic Axial ⁽²⁾	DO-201AD	50 - 200	0.95	4.0	20
EGP50y	5.0	SUPERRECTIFIER® Axial	GP20	50 - 400	0.95 / 1.25	5.0	50
FE5y		Sinterglass Axial	G4	50 - 200	0.95	5.0	35
GUR5H60		Plastic Power-pack ⁽²⁾	TO-220AC	600	1.8	5.0	30
GURB5H60		Power-pack SMD ⁽²⁾	TO-263AB(D ² PAK)	600	1.8	5.0	30
GURF5H60		Isolated Power-pack ⁽²⁾	ITO-220AC	600	1.8	5.0	30
UG5HT - UG5JT		Plastic Power-pack ⁽²⁾	TO-220AC	500 - 600	1.75	5.0	25
UGB5HT - UGB5JT		Power-pack SMD ⁽²⁾	TO-263AB(D ² PAK)	500 - 600	1.75	5.0	25
UGF5HT - UGF5JT		Isolated Power-pack ⁽²⁾	ITO-220AC	500 - 600	1.75	5.0	25
FE6y	6.0	Sinterglass Axial	G4	50 - 200	0.975	6.0	35
FEP6yT		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	50 - 200	0.975	3.0	35
FEPB6yT		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	50 - 200	0.975	3.0	35
FEPF6yT		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	50 - 200	0.975	3.0	35
BYS459 - 1500	6.5	Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.3	6.5	350
BYS459B - 1500		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.3	6.5	350
BYS459F - 1500		Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.3	6.5	350

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(2) Glass passivated die

(3) Dual center-tapped device (V_F limit @ I_F is per leg)



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DEVICE ⁽¹⁾	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
BYV29-xxx	8.0	Plastic Power-pack ⁽²⁾	TO-220AC	300 - 400	1.3	8.0	35
BYV29B-xxx		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	300 - 400	1.3	8.0	35
BYV29F-xxx		Isolated Power-pack ⁽²⁾	ITO-220AC	300 - 400	1.3	8.0	35
BYW29-xx		Plastic Power-pack ⁽²⁾	TO-220AC	50 - 200	1.3	8.0	25
BYWB29-xx		Power-pack SMD ⁽²⁾	TO-263AB(D ² PAK)	50 - 200	1.3	8.0	25
BYWF29-xx		Isolated Power-pack ⁽²⁾	ITO-220AC	50 - 200	1.3	8.0	25
FES8yT		Plastic Power-pack ⁽²⁾	TO-220AC	50 - 600	0.95/1.3 / 1.5	8.0	35 / 50
FESB8yT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	50 - 600	0.95/1.3/1.5	8.0	35 / 50
FESF8yT		Isolated Power-pack ⁽²⁾	ITO-220AC	50 - 600	0.95/1.3/1.5	8.0	35 / 50
GI1401 - GI1404		Plastic Power-pack ⁽²⁾	TO-220AC	50 - 200	0.975	8.0	35
GIB1401 - GIB1404		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	50 - 200	0.975	8.0	35
UG8AT - UG8DT		Plastic Power-pack ⁽²⁾	TO-220AC	50 - 200	1.0	8.0	20
UGB8AT - UGB8DT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	50 - 200	1.0	8.0	20
UGF8AT - UGF8DT		Isolated Power-pack ⁽²⁾	ITO-220AC	50 - 200	1.0	8.0	20
UG8FT - UG8GT		Plastic Power-pack ⁽²⁾	TO-220AC	300 - 400	1.3	8.0	35
UGB8FT - UGB8GT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	300 - 400	1.3	8.0	35
UGF8FT - UGF8GT		Isolated Power-pack ⁽²⁾	ITO-220AC	300 - 400	1.3	8.0	35
UG8HT - UG8JT		Plastic Power-pack ⁽²⁾	TO-220AC	500 - 600	1.75	8.0	25
UGB8HT - UGB8JT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	500 - 600	1.75	8.0	25
UGF8HT - UGF8JT		Isolated Power-pack ⁽²⁾	ITO-220AC	500 - 600	1.75	8.0	25
UG8HCT - UG8JCT		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	500 - 600	1.75	4.0	25
UGB8HCT - UGB8JCT		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	500 - 600	1.75	4.0	25
UGF8HCT - UGF8JCT		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	500 - 600	1.75	4.0	25
BYQ28E-xxx	10	Power-pack SMD ⁽²⁾⁽³⁾	TO-220AB	100 - 200	1.1	5.0	25
BYQ28EB-xxx		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	100 - 200	1.1	5.0	25
BYQ28EF-xxx		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	100 - 200	1.1	5.0	25
BYS459-1500S		Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.35	6.5	220
BYS459B-1500S		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.35	6.5	220
BYS459F-1500S		Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.35	6.5	220
BYT28-xxx		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	300 - 400	1.3	5.0	35
BYT28B-xxx		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	300 - 400	1.3	5.0	35
BYT28F-xxx		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	300 - 400	1.3	5.0	35
DTV32		Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.5	6.0	175
DTV32B		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.5	6.0	175

Notes:

(1) "x" designates a number that indicates voltage or is part of a sequence

"y" designates reverse voltage, where:

A=50V C=150V F=300V H=500V

B=100V D=200V G=400V J=600V

(2) Glass passivated die

(3) Dual center-tapped device (V_F limit @ I_F is per leg)

Ultrafast Rectifiers

DEVICE ⁽¹⁾	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
DTV32F	10	Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.5	6.0	175
DTV56		Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.8	6.0	135
DTV56B		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.8	6.0	135
DTV56F		Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.8	6.0	135
UG10BCT - UG10DCT		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	100 - 200	1.1	5.0	25
UGB10BCT - UGB10DCT		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	100 - 200	1.1	5.0	25
UGF10BCT - UGF10DCT		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	100 - 200	1.1	5.0	25
UG10FCT - UG10GCT		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	300 - 400	1.3	5.0	35
UGB10FCT - UGB10GCT		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	300 - 400	1.3	5.0	35
UGF10FCT - UGF10GCT		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	300 - 400	1.3	5.0	35
UG12HT - UG12JT	12	Plastic Power-pack ⁽²⁾	TO-220AC	500 - 600	1.75	12	30
UGB12HT - UGB12JT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	500 - 600	1.75	12	30
UGF12HT - UGF12JT		Isolated Power-pack ⁽²⁾	ITO-220AC	500 - 600	1.75	12	30
FEP16yT	16	Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	50 - 600	0.95/1.3/1.5	8.0	35 / 50
FEPB16yT		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB	50 - 600	0.95/1.3/1.5	8.0	35 / 50
FEPF16yT		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	50 - 600	0.95/1.3/1.5	8.0	35 / 50
FES16yT		Plastic Power-pack ⁽²⁾	TO-220AC	50 - 600	0.975/1.3/1.5	16	35 / 50
FESB16yT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	50 - 600	0.975/1.3/1.5	16	35 / 50
FESF16yT		Isolated Power-pack ⁽²⁾	ITO-220AC	50 - 600	0.975/1.3/1.5	16	35 / 50
GI2401 - GI2404		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	50 - 200	0.975	16	35
GIB2401 - GIB2404		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB	50 - 200	0.975	16	35
BYV32-xx	18	Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	50 - 200	1.15	20	25
BYVB32-xx		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB(D ² PAK)	50 - 200	1.15	20	25
BYVF32-xx		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	50 - 200	1.15	20	25
UG18yCT		Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	50 - 200	1.1	9.0	20
UGB18yCT		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB(D ² PAK)	50 - 200	1.1	9.0	20
UGF18yCT		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	50 - 200	1.1	9.0	20
FEP30yP	30	Plastic Power-pack ⁽²⁾⁽³⁾	TO-247AD	50 - 600	0.95/1.3/1.5	15	35 / 50
UG30yPT		Plastic Power-pack ⁽²⁾⁽³⁾	TO-247AD	50 - 200	1.0	15	20

Notes:

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 "y" designates reverse voltage, where:

A=50V C=150V F=300V H=500V
 B=100V D=200V G=400V J=600V

(2) Glass passivated die

(3) Dual center-tapped device (V_F limit @ I_F is per leg)



Fast Recovery Rectifiers

DEVICE ⁽¹⁾	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
BY203	0.25	Sinterglass Axial	SOD57	1200 - 2000	2.4	0.2	300
GHR16	0.5	Plastic Axial	R-1 (Photoflash diode)	1600	1.5	0.5	300
RGL34y		SUPERECTIFIER [®] SMD	DO-213AA (MiniMELF)	50 - 600	1.3	0.5	150 - 250
RGP02-xx		SUPERECTIFIER [®] Axial	DO-204AL (DO-41)	1200 - 2000	1.8	0.1	300
BY268 / 269	0.8	Sinterglass Axial	SOD57	1400 / 1600	1.25	0.4	400
1N4933 - 1N4937	1.0	Plastic Axial	DO-204AL (DO-41)	50 - 600	1.2	1.0	200
1N4933GP - 1N4937GP		SUPERECTIFIER [®] Axial	DO-204AL (DO-41)	50 - 600	1.2	1.0	200
1N4942GP - 1N4948GP		SUPERECTIFIER [®] Axial	DO-204AL (DO-41)	200 - 1000	1.3	1.0	150 - 500
1N5615GP - 1N5623GP		SUPERECTIFIER [®] Axial	DO-204AC (DO-15)	200 - 1000	1.2	1.0	150 - 500
BA157 - BA159		Plastic Axial	DO-204AL (DO-41)	400 - 1000	1.3	1.0	150 - 500
BA157GP - BA159GP		SUPERECTIFIER [®] Axial	DO-204AL (DO-41)	400 - 1000	1.3	1.0	150 - 500
BYM11-xx		SUPERECTIFIER [®] SMD	DO-213AB (MELF)	50 - 1000	1.3	1.0	150 - 500
GI81x		SUPERECTIFIER [®] Axial	DO-204AC (DO-15)	50 - 1000	1.2	1.0	750
RG1y		Sinterglass Axial	DO-204AP	50 - 1000	1.3	1.0	150 - 500
RGF1y		SUPERECTIFIER [®] SMD	DO-214BA (GF1)	50 - 1000	1.3	1.0	150-500
RGL41y		SUPERECTIFIER [®] SMD	DO-213AB (MELF)	50 - 1000	1.3	1.0	150 - 500
RGP10y		SUPERECTIFIER [®] Axial	DO-204AL (DO-41)	50 - 1000	1.3	1.0	150 - 500
RMPG06y		Plastic Axial ⁽²⁾	MPG06	50 - 600	1.3	1.0	150 - 200
RS1y		Plastic SMD ⁽²⁾	DO-214AC (SMA)	50 - 800	1.3	1.0	150 - 250
SRP100y		Plastic Axial	DO-204AL (DO-41)	50 - 800	1.3	1.0	100 - 200
BYT54	1.25	Sinterglass Axial	SOD57	50 - 1000	1.5	1.0	100
BYT52	1.4	Sinterglass Axial	SOD57	50 - 1000	1.3	1.0	200
BYG21	1.5	Plastic SMD ⁽²⁾	DO-214AC (SMA)	800 - 1000	1.5	1.0	120
BYG24		Plastic SMD ⁽²⁾	DO-214AC (SMA)	200 - 600	1.25	1.5	140
BYV12-16		Sinterglass Axial	SOD57	100 - 1000	1.5	1.0	300
RGP15y		SUPERECTIFIER [®] Axial	DO-204AC (DO-15)	50 - 1000	1.3	1.5	150 - 500
RS2y		Plastic SMD ⁽²⁾	DO-214AA (SMB)	50 - 600	1.3	1.5	150 - 500

Notes:

(1) "x" designates a number that indicates voltage or is part of a sequence

"y" designates reverse voltage, where:

A=50V C=150V F=300V H=500V K=800V
B=100V D=200V G=400V J=600V M=1000V

(2) Glass passivated die

Fast Recovery Rectifiers

DEVICE ⁽¹⁾	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
BYV37/38	2.0	Sinterglass Axial	SOD57	800 / 1000	1.1	1.0	300
BYW32-36		Sinterglass Axial	SOD57	200 - 600	1.1	1.0	200
RG2y		Sinterglass Axial	DO-204AP	50 - 1000	1.3	2.0	150 - 500
RGP20y		SUPERECTIFIER [®] Axial	GP20	50 - 600	1.3	2.0	150 - 500
RGP25y	2.5	SUPERECTIFIER [®] Axial	DO-201AD	50 - 1000	1.3	2.5	150 - 500
BYM36D & E	2.9	Sinterglass Axial	SOD64	800 - 1000	1.78	3.0	150
BY39xP	3.0	Plastic Axial	DO-201AD	100 - 800	1.25	3.0	500
BYM36A-C		Sinterglass Axial	SOD64	200 - 600	1.6	3.0	100
BYT56		Sinterglass Axial	SOD64	50 - 1000	1.4	3.0	100
BYT77-78		Sinterglass Axial	SOD64	800 / 1000	1.1	3.0	300
BYW72 - BYW76		Sinterglass Axial	SOD64	200 - 600	1.1	3.0	200
GI850 - GI856		Plastic Axial	DO-201AD	50 - 600	1.25	3.0	200
GI910 - GI917		Plastic Axial	DO-201AD	50 - 800	1.25	3.0	750
RG3y		Sinterglass Axial	G3	50 - 1000	1.3	3.0	150 - 500
RG4y		Sinterglass Axial	G4	50 - 600	1.3	3.0	150 - 500
RGP30y		SUPERECTIFIER [®] Axial	DO-201AD	50 - 1000	1.3	3.0	150 - 500
RS3y		Plastic SMD ⁽²⁾	DO-214AB (SMC)	50 - 800	1.3	3.0	150 - 500
SRP300y		Plastic Axial	DO-201AD	50 - 800	1.3	3.0	100 - 200
BY500-xxx	5.0	Plastic Axial	DO-201AD	100 - 800	1.35	5.0	200
GI820 - GI828		Plastic Axial	P600	50 - 800	1.1	5.0	200
SRP600	6.0	Plastic Axial	P600	50 - 800	1.3	6.0	100 - 200
BY229-xxx	8.0	Plastic Power-pack ⁽²⁾	TO-220AC	200 - 800	1.85	20	145
BY229X-xxx		Isolated Power-pack ⁽²⁾	ITO-220AC	200 - 800	1.85	20	145
BY229B-xxx		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	200 - 800	1.85	20	145

Notes:

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"y" designates reverse voltage, where:

A=50V C=150V F=300V H=500V K=800V
B=100V D=200V G=400V J=600V M=1000V

(2) Glass passivated die



Clamper/Damper Rectifiers

DEVICE	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F (V)	@ I _F (A)	t _{rr} (ns)
		FAMILY	TYPE				
GI1-xxxx	1.0	Sinterglass Axial	DO-204AP	1200 - 1600	1.1	1.0	25
GI1-xxxGP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	1200 - 1600	1.1	1.0	25
BY448GP	1.5	SUPERECTIFIER® Axial	DO-204AC (DO-15)	1650	1.6	3.0	20
CG1		Sinterglass Axial	DO-204AP	1400	1.1	1.5	15
CGP15		SUPERECTIFIER® Axial	DO-204AC (DO-15)	1400	1.1	1.0	15
DG1		Sinterglass Axial	DO-204AP	1500	1.1	1.5	20
DGP15		SUPERECTIFIER® Axial	DO-204AC (DO-15)	1500	1.1	1.0	20
CG2	2.0	Sinterglass Axial	DO-204AP	1400	1.1	2.0	15
CGP20		SUPERECTIFIER® Axial	DO-204AC (DO-15)	1400	1.1	2.0	15
DG2		Sinterglass Axial	DO-204AP	1500	1.1	2.0	20
DGP20		SUPERECTIFIER® Axial	DO-204AC (DO-15)	1500	1.1	2.0	20
BY228GP	3.0	SUPERECTIFIER® Axial	DO-201AD	1500	1.6	2.5	20
CG3		Sinterglass Axial	G3	1400	1.2	3.0	15
CGP30		SUPERECTIFIER® Axial	DO-201AD	1400	1.1	3.0	15
DG3		Sinterglass Axial	G3	1500	1.2	3.0	20
DGP30		SUPERECTIFIER® Axial	DO-201AD	1500	1.1	3.0	20
BYS459 - 1500	6.5	Plastic Power-pack ⁽²⁾⁽³⁾	TO-220AB	1500	1.3	6.5	350
BYS459B - 1500		Power-pack SMD ⁽²⁾⁽³⁾	TO-263AB (D ² PAK)	1500	1.3	6.5	350
BYS459F - 1500		Isolated Power-pack ⁽²⁾⁽³⁾	ITO-220AB	1500	1.3	6.5	350
BYS459-1500S	10	Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.35	6.5	220
BYS459B-1500S		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.35	6.5	220
BYS459F-1500S		Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.35	6.5	220
DTV32		Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.5	6.0	175
DTV32B		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.5	6.0	175
DTV32F		Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.5	6.0	175
DTV56		Plastic Power-pack ⁽²⁾	TO-220AC	1500	1.8	6.0	135
DTV56B		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	1500	1.8	6.0	135
DTV56F		Isolated Power-pack ⁽²⁾	ITO-220AC	1500	1.8	6.0	135

Standard Rectifiers

DEVICE ⁽¹⁾	IF(AV) (A)	PACKAGE		V(BR) RANGE (V)	MAX VF (V) @	IF (A)
		FAMILY	TYPE			
GI250-x	0.25	SUPERECTIFIER® Axial	DO-204AL (DO-41)	1000 - 4000	3.5	0.25
GP02-xx		SUPERECTIFIER® Axial	DO-204AL (DO-41)	2000 - 4000	3.0	0.25
BYT62	0.35	Sinterglass Axial	SOD57	2400	3.0	0.2
GL34y	0.5	SUPERECTIFIER® SMD	DO-213AA (MiniMELF)	50 - 600	1.2 / 1.3	0.5
S07B - S07M	0.7	Plastic SMD	DO-219 (SMF)	100 - 1000	1.1	1.0
GP08y	0.8	SUPERECTIFIER® Axial	DO-204AL	50 - 600	1.3	0.8
1N361xGP & 1N3957GP	1.0	SUPERECTIFIER® Axial	DO-204AL (DO-41)	200 - 100	1.0	1.0
1N4001-1N4007		Plastic Axial	DO-204AL (DO-41)	50 - 1000	1.1	1.0
1N4001GP-1N4007GP		SUPERECTIFIER® Axial	DO-204AL (DO-41)	50 - 1000	1.1	1.0
1N4245GP-1N4249GP		SUPERECTIFIER® Axial	DO-204AL (DO-41)	200 - 1000	1.2	1.0
1N4383GP-1N4385GP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	200 - 600	1.0	1.0
1N4585GP & 1N4586GP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	800 - 1000	1.0	1.0
1N5059-1N5062		Sinterglass Axial	DO -204AP	200 - 800	1.2	1.0
1N5059GP-1N5062GP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	200 - 800	1.2	1.0
1N5614GP-1N5622GP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	200 - 1000	1.2	1.0
1N6478-1N6484		SUPERECTIFIER® SMD	DO-213AB (MELF)	50 - 1000	1.1	1.0
BYM10-xxx		SUPERECTIFIER® SMD	DO-213AB (MELF)	50 - 1000	1.1 / 1.2	1.0
GF1y		SUPERECTIFIER® SMD	DO-214BA (GF1)	50 - 1000	1.1 / 1.2	1.0
G1y		Sinterglass Axial	DO -204AP	50 - 1000	1.1 / 1.2	1.0
GL41y		SUPERECTIFIER® SMD	DO-213AB (MELF)	50 - 1600	1.1 / 1.2	1.0
GP10y		SUPERECTIFIER® Axial	DO-204AL (DO-41)	50 - 1600	1.1 / 1.2 / 1.3	1.0
GPP10y		Plastic Axial ⁽²⁾	DO-204AL (DO-41)	50 - 1000	1.1	1.0
M100y		Plastic Axial	DO-204AL (DO-41)	50 - 1000	1.0 / 1.1	1.0
MPG06y		Plastic Axial ⁽²⁾	MPG06	50 - 1000	1.1	1.0
S1y		Plastic SMD ⁽²⁾	DO-214AC (SMA)	50 - 1000	1.1	1.0
S330D		Sinterglass Axial	SOD57	1000	1.0	1.0
1N5391-1N5399	1.5	Plastic Axial	DO-204AC (DO-15)	50 - 1000	1.4	1.5
1N5391GP-1N5399GP		SUPERECTIFIER® Axial	DO-204AC (DO-15)	50 - 1000	1.4	1.5
AGP15-xxx		Plastic Axial ⁽²⁾	DO-204AC (DO-15)	400 - 800	1.1	1.5
BYG10x		Plastic SMD ⁽²⁾	DO-214AC (SMA)	200 - 1000	1.1	1.0
BYT51x		Sinterglass Axial	SOD57	50 - 1000	1.1	1.0
GP15y		SUPERECTIFIER® Axial	DO-204AC (DO-15)	50 - 1000	1.1	1.5
S2y		Plastic SMD ⁽²⁾	DO-214AA (SMB)	50 - 1000	1.2	1.5

Notes:

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A=50V C=150V F=300V H=500V K=800V N=1100V T=1300V W=1500V
B=100V D=200V G=400V J=600V M=1000V Q=1200V V=1400V Y=1600V

(2) Glass passivated die



Standard Rectifiers

DEVICE ⁽¹⁾	IF(AV) (A)	PACKAGE		V(BR) RANGE (V)	MAX VF (V)	@	IF (A)
		FAMILY	TYPE				
BY448 & BY458	2.0	Sinterglass Axial	SOD57	1500 / 1200	1.6		3.0
BY527		Sinterglass Axial	SOD57	800	1.0		1.0
BYW52 - BYW56		Sinterglass Axial	SOD57	200 - 1000	1.0		1.0
BYX82 - BYX86		Sinterglass Axial	SOD57	200 - 1000	1.0		1.0
G2y		Sinterglass Axial	DO-204AP	50 - 1000	1.1 / 1.2		2.0
GP20y		SUPERECTIFIER® Axial	GP20	50 - 600	1.1 / 1.2		2.0
GPP20y		Plastic Axial ⁽²⁾	DO-204AC (DO-15)	50 - 1000	1.1		2.0
1N5400 - 1N5408	3.0	Plastic Axial	DO-201AD	50 - 1000	1.2		3.0
1N5550 - 1N5552		Sinterglass Axial	G4	200 - 600	1.2		9.0
1N5624 - 1N5627		Sinterglass Axial	G3	200 - 800	1.0		3.0
1N5624GP - 1N5627GP		SUPERECTIFIER® Axial	DO-201AD	200 - 800	1.0		3.0
BY251GP - BY255GP		SUPERECTIFIER® Axial	DO-201AD	200 - 1300	1.1		3.0
BY251P		Plastic Axial ⁽²⁾	DO-201AD	200 - 1300	1.1		3.0
BY228		Sinterglass Axial	SOD64	1500	1.5		5.0
BY228/13, BY228/15		Sinterglass Axial	SOD64	1000 - 1200	1.5		5.0
BYW82 - BYW86		Sinterglass Axial	SOD64	200 - 1000	1.0		3.0
GP30y		SUPERECTIFIER® Axial	DO-201AD	50 - 1000	1.1 / 1.2		3.0
G3y		Sinterglass Axial	G3	50 - 1000	1.1 / 1.2		3.0
G4y		Sinterglass Axial	G4	50 - 600	1.1		3.0
GI500-GI510		Plastic Axial	DO-201AD	50 - 1000	1.1		9.4
P300y		Plastic Axial	DO-201AD	50 - 1000	1.2		3.0
S3y		Plastic SMD ⁽²⁾	DO-214AB (SMC)	50 - 1000	1.2		3.0
GI750-GI758	6.0	Plastic Axial	P600	50 - 800	0.9 / 0.95		6.0
P600y		Plastic Axial	P600	50 - 1000	0.9 / 1.0		6.0
NS8yT	8.0	Plastic Power-pack ⁽²⁾	TO-220AC	50 - 1000	1.1		8.0
NSB8yT		Power-pack SMD ⁽²⁾	TO-263AB (D ² PAK)	50 - 1000	1.1		8.0
NSF8yT		Isolated Power-pack ⁽²⁾	ITO-220AC	50 - 1000	1.1		8.0

Notes:

(1) "x" designates a number that indicates voltage or is part of a sequence

"y" designates reverse voltage, where:

A=50V C=150V F=300V H=500V K=800V N=1100V T=1300V W=1500V
B=100V D=200V G=400V J=600V M=1000V Q=1200V V=1400V Y=1600V

(2) Glass passivated die

Single-Phase Bridge Rectifiers

DEVICE	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F ⁽⁴⁾ (V)	@	I _F (A)
		FAMILY ⁽²⁾	TYPE				
MBxM	0.5	Mini-bridge	MBM	200 - 600	1.0		0.4
MBxS		Mini-bridge (SMD)	MBS (TO-269AA)	200 - 600	1.0		0.4
RMBxS		Recovery mini-bridge (SMD)	MBS (TO-269AA)	200 - 400	1.25		0.4
BxxC800DM	0.9	Dual in-line	DFM	65 - 600	1.0		0.9
BxxC800G		WOG	WG	65 - 600	1.0		0.9
BxxC1000G	1.0	WOG	WG	65 - 600	1.0		1.0
DFxxM		Dual in-line	DFM	50 - 1000	1.1		1.0
DFxxMA		Dual in-line	DFM	50 - 1000	1.1		1.0
DFxxS		Dual in-line (SMD)	DFS	50 - 1000	1.1		1.0
DFxxSA		Dual in-line (SMD)	DFS	50 - 1000	1.1		1.0
EDF1yM		Ultrafast dual in-line ⁽²⁾	DFM	50 - 200	1.05		1.0
EDF1yS		Ultrafast dual in-line (SMD) ⁽²⁾	DFS	50 - 200	1.05		1.0
3N24x	1.5	Single in-line	KBPM	50 - 1000	1.0 / 1.3		1.0 / 1.57
BxxC1500G		WOG	WG	65 - 600	1.0		1.5
DFS15xxS		Dual in-line (SMD)	DFS	50 - 1000	1.1		1.5
G2SBxx		Single in-line ⁽³⁾	GBL	200 - 800	1.05		0.75
G2SBAxx		Single in-line ⁽³⁾	GBL	200 - 800	1.05		0.75
KBPxxM		Single in-line	KBPM	50 - 1000	1.0 / 1.3		1.0 / 1.57
WxxG		WOG	WG	50 - 1000	1.0		1.0
2KBPxxM	2.0	Single in-line	KBPM	50 - 1000	1.1		3.14
2WxxG		WOG	WG	50 - 1000	1.1		2.0
3N25x		Single in-line	KBPM	50 - 1000	1.1		3.14
GBPC1xx	3.0	GBPC with wire leads	GBPC1	50 - 1000	1.0		1.5
G3SBAxx	4.0	Single in-line with mounting hole ⁽³⁾	GBU	200 - 600	1.05		2.0
GBLxx		Single in-line	GBL	50 - 1000	1.1		4.0
GBLAxx		Single in-line	GBL	50 - 1000	1.1		4.0
GBU4y		Single in-line with mounting hole	GBU	50 - 1000	1.0		4.0
GSIB4xx		Single in-line	GSIB-3S	200 - 800	1.05		2.0
GSIB4Axx		Single in-line	GSIB-3G	200 - 800	1.0		2.0
KBLxx		Single in-line	KBL	50 - 1000	1.1		4.0
KBU4y		Single in-line with mounting hole*	KBU	50 - 1000	1.0		4.0

Notes:

(1) All bridges use glass passivated chips, unless designated with**

(2) t_{rr}=50ns max. for EDF1 types

(3) Japanese electrical specifications

(4) V_F limits are per leg



Single-Phase Bridge Rectifiers

DEVICE	I _{F(AV)} (A)	PACKAGE		V _(BR) RANGE (V)	MAX V _F ⁽⁴⁾ (V)	@	I _F (A)
		FAMILY ⁽²⁾	TYPE				
GBPC6xx	6.0	GBPC with wire leads	GBPC6	50 - 1000	1.0		3.0
GBU6y		Single in-line with mounting hole	GBU	50 - 1000	1.0		6.0
G5SBAxx		Single in-line with mounting hole ⁽³⁾	GBU	200 - 600	1.05		3.0
GSIB6xx		Single-in-line	GSIB-5S	200 - 800	0.98		3.0
GSIB6Axx		Single-in-line	GSIB-5S	200 - 800	1.05		3.0
KBU6y		Single in-line with mounting hole*	KBU	50 - 1000	1.0		6.0
GBU8y	8.0	Single in-line with mounting hole	GBU	50 - 1000	1.0		8.0
KBU8y		Single in-line with mounting hole*	KBU	50 - 1000	1.0		8.0
GBPC12xx	12	GBPC with fast-on lugs	GBPC12-35	50 - 1000	1.1		6.0
GBPC12xxW		GBPC with wire leads	GBPC12-35W	50 - 1000	1.1		6.0
GBPC15xx	15	GBPC with fast-on lugs	GBPC12-35	50 - 1000	1.1		7.5
GBPC15xxW		GBPC with wire leads	GBPC12-35W	50 - 1000	1.1		7.5
GSIB15xx		Single in-line ⁽³⁾	GSIB-5S	200 - 800	1.05		7.5
GSIB15Axx		Single in-line ⁽³⁾	GSIB-5S	200 - 800	1.05		7.5
GSIB20xx	20	Single-in-line	GSIB-5S	200 - 800	1.1		10
GBPC25xx	25	GBPC with fast-on lugs	GBPC12-35	50 - 1000	1.1		12.5
GBPC25xxW		GBPC with wire leads	GBPC12-35W	50 - 1000	1.1		12.5
GBPC35xx		GBPC with fast-on lugs	GBPC12-35	50 - 1000	1.1		17.5
GSIB25xx		Single-in-line	GSIB-5S	200 - 800	1.05		12.5
GBPC35xxW	35	GBPC with wire leads	GBPC12-35W	50 - 1000	1.1		17.5

Notes:

(1) All bridges use glass passivated chips, unless designated with**

(2) t_{rr} =50ns max. for EDF1 types

(3) Japanese electrical specifications

(4) V_F limits are per leg