

Power Rectifier Diodes

Type	Construction	Peak Inverse Voltage	Max. Rect. Current (A)	Max. Forward Voltage Drop		Max. Reverse Current		Connections
				Volts	at Amps	μA	at Volts	
MULLARD (Continued)								
<i>Current Types (Continued)</i>								
BY182	Silicon	12,000	2.5mA	—	—	—	—	Polarity marked
BY187		11,500	2.5mA	—	—	—	—	
BY206		350	15	1.5	2	—	—	A12
BY207		600	15	1.5	2	—	—	A12
BY209		11,500	2.5mA	—	—	—	—	Pol. marked
BY210 series†	Silicon junction	400 to 600	30	1.3	1	—	—	A12
BYX10		800	0.2	1.1	0.2	50	800	A1
BYX22 series†	Silicon	200 to 800	1	1.5	5	120	200 to 800	A4
BYX25 series†*		600 to 1,000	20	1.8	50	1mA	600 to 1,000	S2, S3*
BYX26 series	Silicon avalanche	60 to 150	7	0.9	0.25	1	60 to 150	A12
BYX30 series†*	Silicon	200 to 600	7.5	—	—	—	—	S2, S3*
BYX36 series†	Silicon diffused	150 to 600	1	0.9	1	1	150 to 600	A12
BYX38 series†*	Silicon	300 to 1,200	2.5	2.1	15	10	300 to 1,200	S2, S3*
BYX42 series†*		300 to 1,200	10	1.4	15	200	300 to 1,200	S2, S3*
BYX46 series†*		200 to 600	15	—	—	—	—	S2, S3*
BYX48 series†*		300 to 1,200	6	1.8	15	200	300 to 1,200	S2, S3*
BYX49 series†*		300 to 1,200	2.5	—	—	—	—	Pol. marked
BYX52 series†*		300 to 1,200	40	—	—	—	—	S2, S3*
BYX55 series†		300 to 500	1.2	—	—	—	—	A12
BYX70 series†	100 to 500	30	1.2	1	—	—	A1	
BYX71 series†*	300 to 500	7	—	—	—	—	Pol. marked	
BYX72 series†*	150 to 500	10	—	—	—	—		
OA210	Silicon junction	400	5	—	—	—	—	—
OA211		800	4	—	—	—	—	—
1N3880*	Silicon	100	4	—	—	—	—	S2, S3*
1N3881*		200	4	—	—	—	—	S2, S3*
BYX50-200*		200	4	—	—	—	—	S2, S3*
1N3882*		300	4	—	—	—	—	S2, S3*
BYX50-300*		300	4	—	—	—	—	S2, S3*
1N4001	Silicon	50	1	1.1	1	5	50	A1
1N4002		100	1	1.1	1	5	100	A1
1N4003		200	1	1.1	1	5	200	A1
1N4004		400	1	1.1	1	5	400	A1
1N4005		600	1	1.1	1	5	600	A1
1N4006		800	1	1.1	1	5	800	A1
1N4007		1,000	1	1.1	1	5	1,000	A1

* Reverse polarity types denoted by 'R' after type number

† Each series comprises several different types, the basic number being suffixed, after the hyphen, by a group of digits indicating the rated maximum Peak Inverse Voltage for each type.

NEWMARKET

Current Types

1N4001	Silicon	50	1	1.1	1	5	50	A1
1N4002		100	1	1.1	1	5	100	A1
1N4003		200	1	1.1	1	5	200	A1
1N4004		400	1	1.1	1	5	400	A1
1N4005		600	1	1.1	1	5	600	A1
1N4006		800	1	1.1	1	5	800	A1
1N4007		1,000	1	1.1	1	5	1,000	A1

R.C.A.

Current Types

D1201A (44002)	Silicon diffused junction	100	1	1.1	1	—	—	A1
D1201B (44003)		200	1	1.1	1	—	—	A1
D1201D (44004)		300	1	1.1	1	—	—	A1
D1201F (44001)		50	1	1.1	1	—	—	A1

Continued

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				Volts	at Amps	μA	at Volts	

R.C.A. (Continued)

Current Types (Continued)

1N1206A	Silicon diffused junction	600	12	0.55	12	—	—	S2
1N1341B		50	6	0.65	6	—	—	S2
1N1342B		100	6	0.65	6	—	—	S2
1N1344B		200	6	0.65	6	—	—	S2
1N1345B		300	6	0.65	6	—	—	S2
1N1346B		400	6	0.65	6	—	—	S2
1N1347B		500	6	0.65	6	—	—	S2
1N1348B		600	6	0.65	6	—	—	S2
1N1763A		400	1	1.2	1	—	—	A10
1N1764A		500	1	1.2	1	—	—	A10
1N2858A		50	1	1.2	1	—	—	A10
1N2859A		100	1	1.2	1	—	—	A10
1N2860A		200	1	1.2	1	—	—	A10
1N2861A		300	1	1.2	1	—	—	A10
1N2862A		400	1	1.2	1	—	—	A10
1N2863A		500	1	1.2	1	—	—	A10
1N2864A		600	1	1.2	1	—	—	A10
1N3193		200	0.75	1.2	0.5	—	—	A10
1N3194		400	0.75	1.2	0.5	—	—	A10
1N3195		600	0.75	1.2	0.5	—	—	A10
1N3196		800	0.5	1.2	0.5	—	—	A10
1N3253		200	0.75	1.2	0.5	—	—	A10
1N3254		400	0.75	1.2	0.5	—	—	A10
1N3255		600	0.75	1.2	0.5	—	—	A10
1N3256		800	0.5	1.2	0.5	—	—	A10
1N3563		1,000	0.4	1.2	0.5	—	—	A10
1N3879		50	9	1.4	6	—	—	S2
1N3880		100	9	1.4	6	—	—	S2
1N3881		200	9	1.4	6	—	—	S2
1N3882		300	9	1.4	6	—	—	S2
1N3883		400	9	1.4	6	—	—	S2
1N3889		50	18	1.4	12	—	—	S2
1N3890		100	18	1.4	12	—	—	S2
1N3891		200	18	1.4	12	—	—	S2
1N3892		300	18	1.4	12	—	—	S2
1N3893		400	18	1.4	12	—	—	S2
1N3899		50	30	1.4	20	—	—	S2
1N3900		100	30	1.4	20	—	—	S2
1N3901		200	30	1.4	20	—	—	S2
1N3902		300	30	1.4	20	—	—	S2
1N3903		400	30	1.4	20	—	—	S2
1N3909		50	45	1.4	30	—	—	S2
1N3910		100	45	1.4	30	—	—	S2
1N3911		200	45	1.4	30	—	—	S2
1N3912		300	45	1.4	30	—	—	S2
1N3913		400	45	1.4	30	—	—	S2
1N5211		200	1	1.2	1	—	—	A10
1N5212		400	1	1.2	1	—	—	A10
1N5213		600	1	1.2	1	—	—	A10
1N5214		800	0.75	1.2	1	—	—	A10
1N5215	200	1	1.2	1	—	—	A10	
1N5216	400	1	1.2	1	—	—	A10	
1N5217	600	1	1.2	1	—	—	A10	
1N5218	800	0.75	1.2	1	—	—	A10	
1N5391	50	1.5	1.4	1.5	—	—	A1	
1N5392	100	1.5	1.4	1.5	—	—	A1	
1N5393	200	1.5	1.4	1.5	—	—	A1	
1N5394	300	1.5	1.4	1.5	—	—	A1	
1N5395	400	1.5	1.4	1.5	—	—	A1	
1N5396	500	1.5	1.4	1.5	—	—	A1	
1N5397	600	1.5	1.4	1.5	—	—	A1	

Continued

Power Rectifier Diodes

Type	Construction	Peak Inverse Voltage	Max. Rect. Current (A)	Max. Forward Voltage Drop		Max. Reverse Current		Connections
				Volts	at Amps	μ A	at Volts	

R.C.A. (Continued)

Current Types (Continued)

1N5398	} Silicon diffused junction	800	1.5	1.4	1.5	—	—	A1
1N5399		1,000	1.5	1.4	1.5	—	—	A1

Note: New type numbers are now employed. Old type numbers are given in parenthesis.

SEMITRON

Current Types

R020	} Silicon diffused	200	1	1.2	1	10	200	A1
R040		400	1	1	1	10	400	A1
R080		800	1	1	1	10	800	A1
R205		50	2	1.2	2	100	50	A3
R210		100	2	1.2	2	100	100	A3
R220		200	2	1.2	2	100	200	A3
R240		400	2	1.2	2	100	400	A3
R260		600	2	1.2	2	80	600	A3
R280		800	2	1.2	2	60	800	A3
R305*		50	6	1.4	6	100	50	S2, S3*
R310*	100	6	1.4	6	100	100	S2, S3*	
R320*	200	6	1.4	6	100	200	S2, S3*	
R340*	400	6	1.4	6	100	400	S2, S3*	
R360*	600	6	1.4	6	80	600	S2, S3*	
R380*	800	6	1.4	6	60	800	S2, S3*	
R705*	50	15	1.4	15	100	50	S2, S3*	
R710*	100	15	1.4	15	100	100	S2, S3*	
R720*	200	15	1.4	15	100	200	S2, S3*	
R740*	400	15	1.4	15	100	400	S2, S3*	
R760*	600	15	1.4	15	80	600	S2, S3*	
R780*	800	15	1.4	15	60	800	S2, S3*	

* Reverse polarity types have suffix 'R' after type number. Connections for reverse polarity types are given after those for standard polarity.

TEXAS

Current Types

1N1130	} Silicon	1,500	0.3	1.5	0.3	50	1,500	S2
1N1131		1,500	0.3	1.5	0.3	50	1,500	S2
1N2069		200	0.75	1.2	0.5	10	200	A10
1N2070		400	0.75	1.2	0.5	10	400	A10
1N2071		600	0.75	1.2	0.5	10	600	A10
1N3879		50	6	1.4	6	—	—	S2
1N3879R		50	6	1.4	6	—	—	S3
1N3880		100	6	1.4	6	—	—	S2
1N3880R		100	6	1.4	6	—	—	S3
1N3881		200	6	1.4	6	—	—	S2
1N3881R	200	6	1.4	6	—	—	S3	
1N3882	300	6	1.4	6	—	—	S2	
1N3882R	300	6	1.4	6	—	—	S3	
1N3883	400	6	1.4	6	—	—	S2	
1N3883R	400	6	1.4	6	—	—	S3	
1N3889	50	12	1.5	12	—	—	S2	
1N3889R	50	12	1.5	12	—	—	S3	
1N3890	100	12	1.5	12	—	—	S2	
1N3890R	100	12	1.5	12	—	—	S3	
1N3891	200	12	1.5	12	—	—	S2	
1N3891R	200	12	1.5	12	—	—	S3	
1N3892	300	12	1.5	12	—	—	S2	
1N3892R	300	12	1.5	12	—	—	S3	