

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		
<b>MULLARD (Continued)</b>									
<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*			4	—	—	—	—	S2, S3*	
1N3882*			300	4	—	—	—	—	S2, S3*
BYX50-300*		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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Type	Construction	Peak Inverse Voltage	Max. Rect. Current (A)	Max. Forward Voltage Drop		Max. Reverse Current		Connections
				Volts	at Amps	μA	at Volts	

**TUNGSRAM (Continued)**

*Current Types (Continued)*

BY164	Silicon bridge	120	1.4	—	—	—	—	} As Marked
BY182	Silicon	12,000	2.5mA	—	—	—	—	
BY187		11,500	2.5mA	—	—	—	—	
BY206		350	0.4	1.5	2	—	—	
BYX10	Silicon junction	800	0.2	1.1	0.2	50	800	A1 A1

**WESTINGHOUSE**

*Current Types*

S1M1	} Silicon diffused	100	1.5	0.5	1.5	10	100	A11
S2M1		200	1.5	0.5	1.5	10	200	A11
S4M1		400	1.5	0.5	1.5	10	400	A11
S6M1		600	1.5	0.5	1.5	10	600	A11
S8M1		800	1.5	0.5	1.5	10	800	A11
S10M1		1,000	1.5	0.5	1.5	10	1,000	A11
S12M1		1,200	1.5	0.5	1.5	10	1,200	A11
S1CN1		100	1.5	0.5	1.5	10	100	A1
S2CN1		200	1.5	0.5	1.5	10	200	A1
S4CN1		400	1.5	0.5	1.5	10	400	A1
S6CN1		600	1.5	0.5	1.5	10	600	A1
S8CN1		800	1.5	0.5	1.5	10	800	A1
S10CN1		1,000	1.5	0.5	1.5	10	1,000	A1
S12CN1		1,200	1.5	0.5	1.5	10	1,200	A1
S1AN12		100	10	0.5	10	2mA	100	S2
S2AN12		200	10	0.5	10	2mA	200	S2
S4AN12		400	10	0.5	10	2mA	400	S2
S6AN12		600	10	0.5	10	2mA	600	S2
S8AN12		800	10	0.5	10	2mA	800	S2
S10AN12		1,000	10	0.5	10	2mA	1,000	S2
S12AN12		1,200	10	0.5	10	2mA	1,200	S2
S15AN12		1,500	10	0.5	10	2mA	1,500	S2

**Power Rectifier Diode Stacks**

Type	Construction	Peak Inverse Voltage	Max. Rect. Current (A)	Phase	Connections
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**INTERNATIONAL RECTIFIER CO.**

*Current Types*

BS series*	} Silicon, encapsulated	50 to 800	1	} Single phase, full-wave	} As marked	
1SB series*		50 to 1,000	1			
10DC series*†		100 to 400	1.8			} 1-phase, half-wave
10DB series*		50 to 1,000	2			
BSB series*		50 to 800	2.5	} Single phase, full-wave	} As marked	
3SB series*		50 to 1,000	3			
5B series*		50 to 400	5			
5SB series*		50 to 1,000	5			
6SB series*		50 to 600	6			
7B series*		50 to 1,000	7.5			
10B series*		50 to 800	10			
26MB series*		50 to 600	25			
25B series*		50 to 600	25			
40B series*		50 to 600	40			

*Continued*