

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	

I.T.T. (Continued)

Current Types (Continued)

EM502	Silicon	200	1	1.1	1	10	200	A1
1N4003		400	1	1.1	1	10	400	A1
EM504		600	1	1.1	1	10	600	A1
1N4004		800	1	1.1	1	10	800	A1
EM506		1,000	1	1.1	1	10	1,000	A1
1N4005		1,300	1	1.1	1	10	1,300	A1
EM508		50	1	1.5	3	10	50	A4
1N4006		100	1	1.5	3	10	100	A4
EM510		200	1	1.5	3	10	200	A4
1N4007		300	1	1.5	3	10	300	A4
EM513		400	1	1.5	3	10	400	A4
FR1050		500	1	1.5	3	10	500	A4
FR1100		600	1	1.5	3	10	600	A4
FR1200		50	4	1.5	6	10	50	S3
FR1300		100	4	1.5	6	10	100	S3
FR1400		200	4	1.5	6	10	200	S3
FR1500		300	4	1.5	6	10	300	S3
FR1600		400	4	1.5	6	10	400	S3
FR4050		500	4	1.5	6	10	500	S3
FR4100		600	4	1.5	6	10	600	S3
FR4200		1,000	1	—	—	10	1,000	A4
FR4300		800	5	—	—	20	800	S3
FR4400		800	10	—	—	50	800	S3
FR4500		400	0.5	1.1	1	10	400	A1
FR4600		50	1	1.1	1	10	50	A1
RAS310AF		200	0.3	1	1	10	200	A1
RAS508AF		400	0.3	1	1	10	400	A1
RAS508CF		600	0.3	1	1	10	600	A1
1N2070		800	0.3	1	1	10	800	A1
1N4001		1,000	0.3	1	1	10	1,000	A1
1N4383		50	3	1	3	25	50	A1
1N4384		100	3	1	3	25	100	A1
1N4385		200	3	1	3	25	200	A1
1N4585		300	3	1	3	25	300	A1
1N4586		400	3	1	3	25	400	A1
1N5400	500	3	1	3	25	500	A1	
1N5401	600	3	1	3	25	600	A1	
1N5402	800	3	1	3	25	800	A1	
1N5403	1,000	3	1	3	25	1,000	A1	
1N5404	50	3	1	3	25	50	A1	
1N5405	100	3	1	3	25	100	A1	
1N5406	200	3	1	3	25	200	A1	
1N5407	300	3	1	3	25	300	A1	
1N5408	400	3	1	3	25	400	A1	

JOSEPH LUCAS (ELECTRICAL)Ltd.

Replacement Types

DD3020	Silicon diffused	50	2.5	1	1	1	50	S9
DD3026		400	2.5	1	1	1	400	S9
DD3076		400/800	2.5	1	1	1	400	S9
DD3078		800/1,350	2.5	1	1	1	400	S9

Current Types

DA000	Controlled avalanche	60	0.5	1	1	1	60	A1
DA001		100	0.5	1	1	1	100	A1
DA002		150	0.5	1	1	1	150	A1
DA006		400	0.5	1	1	1	400	A1
DA058		800	0.5	1	1	1	400	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	