

# SCHOTTKY RECTIFIERS

T-05-01

Type	Package	V <sub>rrm</sub> (Volts)	I <sub>o</sub> (Amps)	I <sub>fsm</sub> (Amps)	V <sub>f</sub> (Volts)	Operating and Storage Temp. Range
1N5817	DO-41	20	1.0	25	.45 @ 1a	-65°C to +125°C
1N5818	DO-41	30	1.0	25	0.55	
1N5819	DO-41	40	1.0	25	0.60	
SR120	DO-41	20	1.0	40	0.50	
SR130	DO-41	30	1.0	40	0.50	
SR140	DO-41	40	1.0	40	0.50	
SR150	DO-41	50	1.0	40	0.70	
SR160	DO-41	60	1.0	40	0.70	
SR180	DO-41	80	1.0	40	0.70	
1N5820	DO201AD	20	3.0	80	.475 @ 3a	
1N5821	DO201AD	30	3.0	80	0.500	
1N5822	DO201AD	40	3.0	80	0.525	
SR320	DO201AD	20	3.0	150	0.50	
SR330	DO201AD	30	3.0	150	0.50	
SR340	DO201AD	40	3.0	150	0.50	
SR350	DO201AD	50	3.0	150	0.75	
SR360	DO201AD	60	3.0	150	0.75	
SR380	DO201AD	80	3.0	150	0.75	
SR520	DO201AD	20	5.0	250	.60 @ 6a	
SR530	DO201AD	30	5.0	250	0.60	
SR540	DO201AD	40	5.0	250	0.60	
SR550	DO201AD	50	5.0	250	0.70	
SR560	DO201AD	60	5.0	250	0.70	
SR580	DO201AD	80	5.0	250	0.70	

# SILICON RECTIFIER DIODES

V <sub>f</sub> (Volts)	1 Amp Standard Recovery	1 Amp Fast Recovery	1.5 Amp Standard Recovery	1.5 Amp Fast Recovery	3 Amp Standard Recovery	3 Amp Fast Recovery	6 Amp Standard Recovery
50	1N4001	1N4933	1N5391	1.5R05R	1N5400 1N4139	3R050R	6R050
100	1N4002	1N4934	1N5392	1.5R100R	1N5401 1N4140	3R100R	6R100
200	1N4003 1N4245 1N4383	1N4935 1N4942	1N5393	1.5R200R	1N5402 1N4141	3R200R	6R200
300			1N5394	1.5R300R	1N5403	3R300R	6R300
400	1N4004 1N4246 1N4384	1N4936 1N4944	1N5395	1.5R400R	1N5404 1N4142	3R400R	6R400
500			1N5396	1.5R500R	1N5405	3R500R	6R500
600	1N4005 1N4247 1N4385	1N4937 1N4946	1N5397	1.5R600R	1N5406 1N4143	3R600R	6R600
800	1N4006	1N4947	1N5398	1.5R800R	1N5407 1N4144	3R800R	6R800
1000	1N4007	1N4948	1N5399	1.5R1000R	1N5408 1N4145	3R1000R	6R1000
1200					1N4146		
Max Forward Voltage at 25C and Rated Current	1.1 V	1.3V	1.1V	1.3V	1.2V	1.3V	.95V
Peak One Cycle Surge Current at 100 C	50 Amps	50 Amps	50 Amps	50 Amps	200 Amps	200 Amps	400 Amps
Package	DO-41	DO-41	DO-41	DO-15	DO201AD	DO201AD	P-600