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Rectifiers

Ultra-Fast Recovery

1 to 6.6 Amps

Part Number	V_{RWM} (V)	$I_{F(AV)}$ @ T_C (A)	T_C (°C)	V_{FM} @ $I_{F(AV)}$ (V)	I_{FSM}[1] @ 60 Hz (A)	R_{thJC} DC (°C/W)	Max. t_{rr} (ns)	Case Outline Number	Notes	Case Style
10DF1	100	1	25	1.05	34	115	100	J2	(2)	DO-204AL DO-41
10DF2	200	1	25	1.05	34	115	100			
10DF4	400	1	25	1.20	34	115	100			
10DF6	600	1	25	1.20	34	115	100			
10DF8	800	1	25	1.20	34	115	100			
11DF1	100	1	63	0.98	31.4	115	35			
11DF2	200	1	63	0.98	31.4	115	35			
11DF3	300	1	63	1.25	31.4	115	30			
11DF4	400	1	63	1.25	31.4	115	30			
30DF1	100	3	40	1.05	90	80	200	J4		C-16
30DF2	200	3	40	1.05	90	80	200			
30DF4	400	3	40	1.25	90	80	200			
30DF6	600	3	40	1.25	90	80	200			
31DF1	100	3	57	0.98	62.8	80	35			
31DF2	200	3	57	0.98	62.8	80	35			
31DF3	300	3	57	1.25	62.8	80	30			
31DF4	400	3	57	1.25	62.8	80	30			
10MF2	200	1	122	0.98	28	160	50	J1A	(3)	D-64
30WF10F	100	3.3	104	1.35	31.4	8	30	J6	(3)	TO-252 D-PAK
30WF20F	200	3.3	104	1.35	31.4	8	30			
30WF30F	300	3.3	104	1.35	31.4	8	30			
30WF40F	400	3.3	104	1.35	31.4	8	30			
50WF10F	100	5.5	104	1.1	47	6	40			
50WF20F	200	5.5	104	1.1	47	6	40			
50WF30F	300	5.5	104	1.1	47	6	40			
50WF40F	400	5.5	104	1.1	47	6	40			
6CWF10F	100	6.6	117	0.98	47	80	30			
6CWF20F	200	6.6	117	0.98	47	80	30			
30WF10	100	3.3	104	1.35	31.4	8	30	J7	(5)	TO-251 I-PAK
30WF20	200	3.3	104	1.35	31.4	8	30			
30WF30	300	3.3	104	1.35	31.4	8	30			
30WF40	400	3.3	104	1.35	31.4	8	30			
50WF10	100	5.5	104	1.1	47	6	40			
50WF20	200	5.5	104	1.1	47	6	40			
50WF30	300	5.5	104	1.1	47	6	40			
50WF40	400	5.5	104	1.1	47	6	40			
6CWF10	100	6.6	117	0.98	47	80	30			
6CWF20	200	6.6	117	0.98	47	80	30			

(1) Following any rated load condition and with rated V_{RWM} reapplied.

(2) Available on tape and reel.

NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However, NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.

Quality Semi-Conductors