

Rectifiers

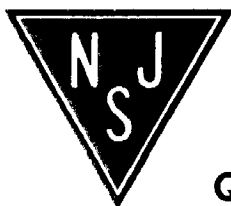
Ultra-Fast Recovery

1 to 6.6 Amps

Part Number	V _{RWM} (V)	I _{F(AV)} @ T _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
		(A)	(°C)							
10DF1 10DF2 10DF4 10DF6 10DF8	100 200 400 600 800	1 1 1 1 1	25 25 25 25 25	1.05 1.05 1.20 1.20 1.20	34 34 34 34 34	115 115 115 115 115	100 100 100 100 100	J2	(2)	DO-204AL DO-41
11DF1 11DF2 11DF3 11DF4	100 200 300 400	1 1 1 1	63 63 63 63	0.98 0.98 1.25 1.25	31.4 31.4 31.4 31.4	115 115 115 115	35 35 30 30			
30DF1 30DF2 30DF4 30DF6	100 200 400 600	3 3 3 3	40 40 40 40	1.05 1.05 1.25 1.25	90 90 90 90	80 80 80 80	200 200 200 200	J4		C-16
31DF1 31DF2 31DF3 31DF4	100 200 300 400	3 3 3 3	57 57 57 57	0.98 0.98 1.25 1.25	62.8 62.8 62.8 62.8	80 80 80 80	35 35 30 30			
10MF2	200	1	122	0.98	28	160	50	J1A	(3)	D-64
30WF10F 30WF20F 30WF30F 30WF40F	100 200 300 400	3.3 3.3 3.3 3.3	104 104 104 104	1.35 1.35 1.35 1.35	31.4 31.4 31.4 31.4	8 8 8 8	30 30 30 30	J6	(3)	T0-252 D-PAK
50WF10F 50WF20F 50WF30F 50WF40F	100 200 300 400	5.5 5.5 5.5 5.5	104 104 104 104	1.1 1.1 1.1 1.1	47 47 47 47	6 6 6 6	40 40 40 40			
6CWF10F 6CWF20F	100 200	6.6 6.6	117 117	0.98 0.98	47 47	80 80	30 30			
30WF10 30WF20 30WF30 30WF40	100 200 300 400	3.3 3.3 3.3 3.3	104 104 104 104	1.35 1.35 1.35 1.35	31.4 31.4 31.4 31.4	8 8 8 8	30 30 30 30	J7	(5)	T0-251 I-PAK
50WF10 50WF20 50WF30 50WF40	100 200 300 400	5.5 5.5 5.5 5.5	104 104 104 104	1.1 1.1 1.1 1.1	47 47 47 47	6 6 6 6	40 40 40 40			
6CWF10 6CWF20	100 200	6.6 6.6	117 117	0.98 0.98	47 47	80 80	30 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