


Part Number	VRWM (V)	IF(AV) @ Tc		IFSM (1) @ 60 Hz (A)	VFM @ IF(AV) (V)	RthJC DC (°C/W)	Max. trr (ns)	Case Outline Number (6)	Notes	Case Style		
		(A)	(°C)									
10DF1	100	1	25	34	1.05	115	100	J5	(2)	DO-204AL DO-41		
10DF2	200	1	25	34	1.05	115	100					
10DF4	400	1	25	34	1.20	115	100					
10DF6	600	1	25	34	1.20	115	100					
10DF8	800	1	25	34	1.20	115	100					
11DF1	100	1	63	31.4	0.98	115	35					
11DF2	200	1	63	31.4	0.98	115	35					
11DF3	300	1	63	31.4	1.25	115	30					
11DF4	400	1	63	31.4	1.25	115	30					
30DF1	100	3	40	90	1.05	80	200		J6	D-201AD		
30DF2	200	3	40	90	1.05	80	200					
30DF4	400	3	40	90	1.25	80	200					
30DF6	600	3	40	90	1.25	80	200					
31DF1	100	3	57	62.8	0.98	80	35					
31DF2	200	3	57	62.8	0.98	80	35					
31DF3	300	3	57	62.8	1.25	80	30					
31DF4	400	3	57	62.8	1.25	80	30					
10MF2	200	1	122	28	0.98	160	50	J1	(3)	D-64 		
10BF10	100	1	120	30	0.95	25	35			J2	SMB	
10BF20	200	1	120	30	0.95	25	35					
10BF40	400	1	75	30	1.30	30	50					
10BF60	600	1	75	30	1.50	30	100					
10BF80	800	1	75	30	1.70	30	100					
10BF100	1000	1	75	30	1.70	30	100					
30BF10	100	3	120	60	0.95	12	35			J3	SMC	
30BF20	200	3	120	60	0.95	12	35					
30BF40	400	3	75	60	1.40	15	50					
30BF60	600	3	75	60	1.50	15	100					
30BF80	800	3	75	60	1.70	15	100					
30BF100	1000	3	75	60	1.70	15	100					
30WF10F	100	3.3	104	31.4	1.35	8	30			J8	(3)	T0-252 D-PAK
30WF20F	200	3.3	104	31.4	1.35	8	30					
30WF30F	300	3.3	104	31.4	1.35	8	30					
30WF40F	400	3.3	104	31.4	1.35	8	30					
50WF10F	100	5.5	104	47	1.1	6	40					
50WF20F	200	5.5	104	47	1.1	6	40					
50WF30F	300	5.5	104	47	1.1	6	40					
50WF40F	400	5.5	104	47	1.1	6	40					
60WF10F	100	6.6	117	47	0.98	80	30					
60WF20F	200	6.6	117	47	0.98	80	30					

- (1) Following any rated load condition and with rated VRWM reapplied.
- (2) Available on tape and reel. See page 0-2.
- (3) For ordering information on tape and reel see page 0-2.
- (4) Reverse polarity – common anode devices.
- (5) For lead formed options see page 0-2.
- (6) For case outline drawing see page 0-2.

Diodes

Ultra-Fast Recovery

10–25 Amps



Part Number	V _{RWM} (V)	I _{F(AV)} @ T _C		I _{FSM} (1) @ 60 Hz (A)	V _{FM} @ I _{F(AV)} (V)	R _{thJC} DC (°C/W)	Max. I _{rr} (ns)	Case Outline Number (6)	Notes	Case Style
		(A)	(°C)							
10CTF10	100	10	117	84	0.98	3	35	J9	(5)	TO-220AB
10CTF20	200	10	117	84	0.98	3	35			
10CTF30	300	10	112	84	1.25	3	45			
10CTF40	400	10	112	84	1.25	3	45			
10JTF10	100	10	117	84	0.98	3	35			
10JTF20	200	10	117	84	0.98	3	35			
10JTF30	300	10	112	84	1.25	3	45			
10JTF40	400	10	112	84	1.25	3	45			
16CPF10	100	16	113	126	0.98	2	35	J11	(4)	TO-247AA
16CPF20	200	16	113	126	0.98	2	35			
16CPF30	300	16	109	126	1.25	2	45			
16CPF40	400	16	109	126	1.25	2	45			
16JPF10	100	16	113	126	0.98	2	35			
16JPF20	200	16	113	126	0.98	2	35			
16JPF30	300	16	109	126	1.25	2	45			
16JPF40	400	16	109	126	1.25	2	45			
25CPF10	100	25	93	157	0.98	2	50			
25CPF20	200	25	93	157	0.98	2	50			
25CPF30	300	25	85	183	1.25	2	60			
25CPF40	400	25	85	183	1.25	2	60			
25JPF10	100	25	93	157	0.98	2	50			
25JPF20	200	25	93	157	0.98	2	50			
25JPF30	300	25	85	183	1.25	2	60			
25JPF40	400	25	85	183	1.25	2	60			

- (1) Following any rated load condition and with rated V_{RWM} reapplied.
- (2) Available on tape and reel. See page 0-2.
- (3) For ordering information on tape and reel see page 0-2.
- (4) Reverse polarity – common anode devices.
- (5) For lead formed options see page 0-2.
- (6) For case outline drawing see page 0-2.