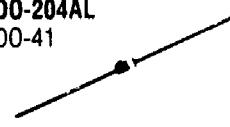

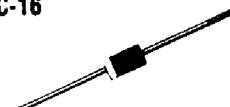





# Schottky Rectifiers

Part Number	VRRM (V)	IF(AV) @ TC		VFM @ IFM = IF(AV) TJ = 100°C (V)	IFSM (1)		IRM @ TJ = 125°C & Rated VRRM (mA)	Max. TJ (°C)	Notes	Case Style		
		(A)	(°C)		50 Hz (A)	60 Hz (A)						
11DQ03	30	1.1	58	0.52	40	42	6	125	(4)	DO-204AL DO-41 		
11DQ04	40	1.1	58	0.52	40	42	6					
11DQ05	50	1.1	40	0.56	25	26	11					
11DQ06	60	1.1	40	0.56	25	26	11					
11DQ09	90	1.1	25	0.74	40	42	6					
11DQ10	100	1.1	25	0.74	40	42	6					
21DQ03	30	1.7	25	0.49	80	85	13	125				C-23 
21DQ04	40	1.7	25	0.49	80	85	13					
21DQ05	50	1.7	25	0.53	45	48	16					
21DQ06	60	1.7	25	0.53	45	48	16					
21DQ09	90	1.7	20	0.70	70	73	2					
21DQ10	100	1.7	20	0.70	70	73	2					
31DQ03	30	3.3	35	0.53	95	100	25	125		C-16 		
31DQ04	40	3.3	35	0.53	95	100	25					
31DQ05	50	3.3	20	0.55	60	63	30					
31DQ06	60	3.3	20	0.55	60	63	30					
31DQ09	90	3.3	20	0.74	85	90	5					
31DQ10	100	3.3	20	0.74	85	90	5					
30WQ03	30	3.3	109	0.60	40	42	12.0	125	(3)	TO-251 		
30WQ04	40	3.3	109	0.60			12.0					
30WQ05	50	3.3	108	0.65			15.0					
30WQ06	60	3.3	108	0.65			15.0					
30WQ09	90	3.3	107	0.80			2.0					
30WQ10	100	3.3	107	0.80			2.0					
50WQ03	30	5.5	97	0.63	45	47	20.0	125				
50WQ04	40	5.5	97	0.63			20.0					
50WQ05	50	5.5	95	0.70			30.0					
50WQ06	60	5.5	95	0.70			30.0					
50WQ09	90	5.5	95	0.82			3.0					
50WQ10	100	5.5	95	0.82			3.0					
50SQ060	60	5	92	0.58	215	225	7	150	(7)	DO-204AR 		
50SQ080	80											
50SQ090	90											
50SQ100	100											
80SQ030	30	8	92	0.55	380	400	13	175				
80SQ035	35											
80SQ040	40											
80SQ045	45											
90SQ030	30	9	92	0.41	480	500	100	150				
90SQ035	35											
90SQ040	40											
90SQ045	45											
8TQ060	60	8	125	0.69	242	255	7	150	(2)	TO-220AC 		
8TQ080	80											
8TQ090	90											
8TQ100	100											
10TQ030	30	10	110	0.58	260	275	15	150				
10TQ035	35											
10TQ040	40											
10TQ045	45											
18TQ030	30	18	121	0.53	380	400	40	150				
18TQ035	35											
18TQ040	40											
18TQ045	45											
18TQ050	50											

(1) Peak half-cycle sinewave, following any rated load condition. VRRM reapplied.

(2) For lead formed options see page 149.

(3) For tape and reel options see page 136.

(4) For IF(AV), TC is ambient temperature.

(7) For IF(AV), TC is lead temperature.