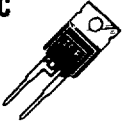



Schottky Rectifiers

"Or-ing" Devices

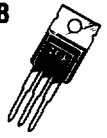
19-80 Amps



Part Number	VRRM (V)	IF(AV) @ Tc		VFM @ IFM TJ = 70°C (V)		IFSM (1)		IRM @ TJ = 70°C & Rated VRWM (mA)	Max. TJ (°C)	Case Outline Number (6)	Notes	Case Style
		(A)	(°C)	50 Hz (A)	60 Hz (A)							
19TQ007	7	19	90	0.24	8	260	275	100	100	J8	(2)	TO-220AC 
19TQ015	7			0.27	13			100				
	7			0.30	19			100				
	15			0.24	8			210				
	15			0.27	13			210				
	15			0.30	19			210				
85CNQ007	7	80	70	0.24	40	610	640	100	100	K3	(5)	D-61 
85CNQ015	7			0.27	60			100				
	7			0.30	80			100				
	15			0.24	40			210				
	15			0.27	60			210				
	15			0.30	80			210				


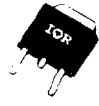
High Voltage - Center Tap Devices

10 Amps

Part Number	VRRM (V)	IO(AV) @ Tc		VFM @ IFM = 1/2 IF(AV) TJ = 100°C (V)	IFSM (1)		IRM @ TJ = 125°C & Rated VRWM (mA)	Max. TJ (°C)	Case Outline Number (7)	Notes	Case Style
		(A)	(°C)		50 Hz (A)	60 Hz (A)					
10CTQ140 10CTQ150	140 150	10	121	0.67	97	100	13	150	K1	(2)	TO-220AB 

Surface Mount Devices

0.7 - 6.6 Amps

Part Number	VRRM (V)	IF(AV) @ Tc		VFM @ IFM = 1/2 IF(AV) TJ = 100°C (V)	IFSM (1)		IRM @ TJ = 125°C & Rated VRWM (mA)	Max. TJ (°C)	Case Outline Number (6)	Notes	Case Style
		(A)	(°C)		50 Hz (A)	60 Hz (A)					
10MQ040	40	1.1	90	0.53	30	32	50	125	J1A	(3)	D-64 
10MQ060	60	0.7	7	110	0.59	10	11	7.5			
10MQ090	90	0.77	110	0.69	10	11	5.0				
15MQ040	40	1.7		0.55	60	64	50	125			
30WQ03F	30	3.3	109	0.60	40	42	12.0	125	J6	(3)	TO-252 D-PAK 
30WQ04F	40	3.3	109	0.60			12.0				
30WQ05F	50	3.3	108	0.65			15.0				
30WQ06F	60	3.3	108	0.65			15.0				
30WQ09F	90	3.3	107	0.80			2.0				
30WQ10F	100	3.3	107	0.80			2.0				
50WQ03F	30	5.5	97	0.63	45	47	20.0	125			
50WQ04F	40	5.5	97	0.63			20.0				
50WQ05F	50	5.5	95	0.70			30.0				
50WQ06F	60	5.5	95	0.70			30.0				
50WQ09F	90	5.5	95	0.82			3.0				
50WQ10F	100	5.5	95	0.82			3.0				
6CWQ03F	30	6.6	101	0.54	45	47	20.0	125			
6CWQ04F	40	6.6	101	0.54			20.0				
6CWQ05F	50	6.6	98	0.58			30.0				
6CWQ06F	60	6.6	98	0.58			30.0				
6CWQ09F	90	6.6	98	0.75			3.0				
6CWQ10F	100	6.6	98	0.75			3.0				

(1) Peak half-cycle sinewave, following any rated load condition. VRWM reapplied.
 (2) For lead formed options see page 149.

(3) For tape and reel options see page 145.
 (5) Dual-die center tap — common cathode. IF(AV) is IO(AV).
 (6) For case outline drawing see page 145.
 (7) For case outline drawing see page 147.