

On-State (RMS) Current						
10 AMPS			12 AMPS			
T _C = 78°C	T _C = 85°C	T _C = 75°C	T _C = 85°C			
Case 175-03 Style 3	Case 235-03 Style 2	Case 221A-02 TO-220AB Style 4	Case 221C-01 Style 3	Case 221A-02 TO-220AB Style 4		
					V _{DRM}	
						50 V
						100 V
SC245B	T4121B	MAC310A4	MAC212A4FP	MAC212A4		200 V
						300 V
SC245D	T4121D	MAC310A6	MAC212A6FP	MAC212A6		400 V
						500 V
SC245M	T4121M	MAC310A8	MAC212A8FP	MAC212A8		600 V
					700 V	
SC245N	T4121N		MAC212A10FP	MAC212A10	800 V	
100					MAXIMUM ELECTRICAL CHARACTERISTICS	
						I _{TSM} (Amps)
50	25	10	50			I _{GT} @ 25°C (mA)
50	40	10	50			MT2(+)(+)
50	25	10	50			MT2(+)(-)
—	40	10	75		MT2(-)(-)	
					MT2(-)(+)	
2.5	2.5	2.5	2		V _{GT} @ 25°C (V)	
2.5	2.5	2.5	2		MT2(+)(+)	
2.5	2.5	2.5	2		MT2(+)(-)	
—	2.5	2.5	2.5		MT2(-)(-)	
					MT2(-)(+)	
-40 to +100	-65 to +100		-40 to +125		T _J Operating Range (°C)	