

TRIACS (continued)

ON-STATE (RMS) CURRENT								
12 AMPS		15 AMPS	20 AMPS	25 AMPS	40 AMPS			
T _c = 80°C		T _c = 90°C		T _c = 80°C	T _c = 75°C			
								
Case 221A-02 TO-220AB Style 4					Case 221A-02 TO-220AB Style 4		V _{DRM}	
MAC212-4 MAC212A4	2N6342A	2N6346A	MAC15-4 MAC15A4	MAC320-4 MAC320A4	MAC223-4 MAC223A4	MAC224-4 MAC224A4		200V
MAC212-6 MAC212A6	2N6343A	2N6347A	MAC15-6 MAC15A6	MAC320-6 MAC320A6	MAC223-6 MAC223A6	MAC224-6 MAC224A6		400V
			MAC15-7 MAC15A7		MAC223-7 MAC223A7			500V
MAC212-8 MAC212A8	2N6344A	2N6348A	MAC15-8 MAC15A8	MAC320-8 MAC320A8	MAC223-8 MAC223A8	MAC224-8 MAC224A8		600V
			MAC15-9 MAC15A9		MAC223-9 MAC223A9	MAC224-9 MAC224A9		700V
MAC212-10 MAC212A10	2N6345A	2N6349A	MAC15-10 MAC15A10	MAC320-10 MAC320A10	MAC223-10 MAC223A10	MAC224-10 MAC224A10		800V
100	120	120	150	150	250	350	I _{TSM} (Amps)	MAXIMUM ELECTRICAL CHARACTERISTICS
50 50 50 75†	50 — 50 —	50 75 50 75	50 75† 50 75†	50 50 50 75†	50 50 50 75†	50 50 50 75†	I _{GT} 25°C (mA) MT2(+)G(+) MT2(+)G(–) MT2(–)G(–) MT2(–)G(+)	
2.0 2.0 2.0 2.5†	2.0 — 2.0 —	2.0 2.5 2.0 2.5	2.0 2.5† 2.0 2.5†	2.0 2.0 2.0 2.5†	2.0 2.0 2.0 2.5†	2.0 2.0 2.0 2.5†	V _{GT} 25°C (V) MT2(+)G(+) MT2(+)G(–) MT2(–)G(–) MT2(–)G(+)	
– 40 to + 125							T _J Operating Range (°C)	

†On A Series only.