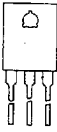

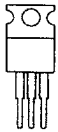
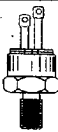
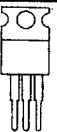

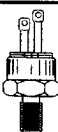
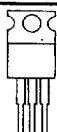
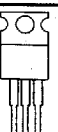


TRIACS

(LISTED IN ORDER OF I_T RMS)

V_{RRM} DC or Pk Volts	I_T RMS Maximum Forward Current										
	10A				15A		20A	25A			
25	NTE5611	NTE5621							NTE5680		
50	NTE5612	NTE5622	NTE5631						NTE5681		
100	NTE5613	NTE5623	NTE5632						NTE5682		
200			NTE5633		NTE5673	NTE56004			NTE5683	NTE56019	NTE56015
300	NTE5615		NTE5634						NTE5684		
400			NTE5635		NTE5675	NTE56006			NTE5685	NTE56020	NTE56016
500			NTE5636		NTE5676				NTE5686		
600	NTE5618		NTE5637	NTE5645	NTE5677	NTE56008			NTE5687		
800						NTE56010	NTE5671				NTE56017
I_{GT} (mA)*	50/75 Max	50 Max	50 Max	25/50 Max	50/80 Max	40/75 Max	50/75 Max	75/100 Max	50/75 Max	50/100 Max	
V_{GT} (V)	2.5 Max	2 Max	2.5 Max	2.5 Max	2.5 Max	2.5 Max	2.5 Max	2.5 Max	2.5 Max	2.5 Max	
V_{FON} (V)	1.8 Max	1.8 Max	1.65 Max	1.6 Max	2.2 Max	1.6 Max	1.7 Max	1.8 Max	1.8 Max	1.8 Max	
I_{Surge} (A)	100 Max	100 Max	100 Max	110 Max	150 Max	150 Max	150 Max	250 Max	200 Max	180 Max	
I_{Hold} (mA)	50 Max	50 Max	50 Max	50 Max	60 Max	40 Max	40 Max	80 Max	70 Max	50 Max	
Firing Quads	All	I, II	I, II, III	All	All	All	All	All	All	All	
Pkg. Type											
Diag. No.	33c	11j	11k	111a	11j	491	111a	11k	11j		
Package	TO127	TO220	TO220 Isolated	TO48** 1/4-28 UNF-2A	TO220	TO220 Full Pack	TO48** 1/4-28 UNF-2A	TO220 Isolated	TO220		

* I_{GT} (max) is the worst case current required to guarantee turn-on of the device.

** Mounting Torque, in•lb (m•N): TO48 - 30 (3.33); TO64 - 20 (2.22)

See Diagrams, beginning on Page 1-85

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