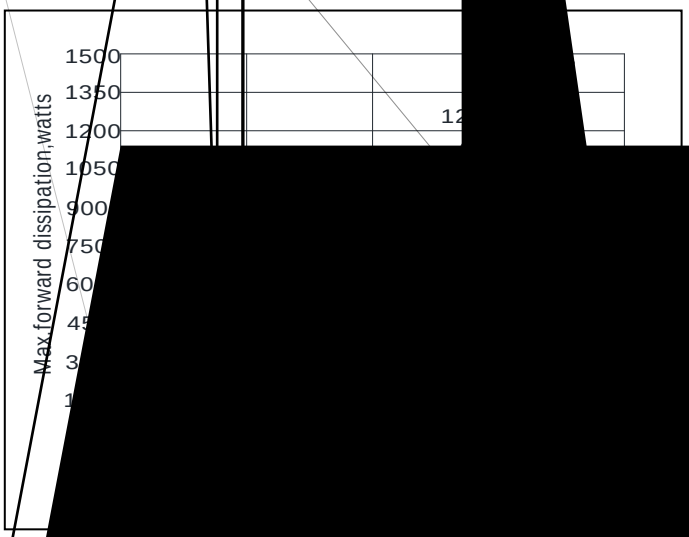
\ G 5

Peak gate power dissipation	P_{GM}		20		W	
Average gate power dissipation	$P_{G(AV)}$		4		W	
Gate-trigger current	I_{GT}		150		mA	V_D =12 V;R_L = 3 ohms;T_j = +25 ºC
Gate- trigger voltage	V_{GT}	0.7	2.5		V	V_D = 12 V;R_L = 3 ohms;T_j = +25 ºC
Peak negative voltage	V_{GRM}		5		V	

Delay time	t_d		3.0	2.5	s	I_{TM}=100A; V_D=67%V_{DRM} V_G=30V; R_G=10ohms; t_r=0.1 s; t_p=20 s
Turn-off time (with V_R = -5 V)	t_q			200	s	I_{TM} =500A; di/dt =-10A/ s; V_R =100V; dv/dt=30V/ s ; V_D=6
Reverse recovery charge	Q_{rr}				C	I_{TM}=5 A di/dt=-10A/ V_R=1 V; T_j=


1500
1350
1200
1050
900
750
60
45
3
1
Max forward dissipation,watts