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Device Type	V _{RRM} (1)	V _{DRM} (1)	V _{RSM} (1)
KK370/12	1200	1200	1400
KK370/14	1400	1400	1600

V_{RRM} = Positive Peak reverse V_{DRM} = Positive Peak reverse V_{RSM} = Positive Peak reverse V_{DRM}

Peak gate power dissipation	P_{GM}		20		W	
Average gate power dissipation	$P_{G(AV)}$		4		W	
Gate-trigger current	I_{GT}		150		mA	$V_D=12V; R_L=3ohms; T_j=+25^{\circ}C$
Gate- trigger voltage	V_{GT}	0.70	2.5		V	$V_D=12V; R_L=3ohms; T_j=+25^{\circ}C$
Peak negative voltage	V_{GRM}		5		V	

Delay time	t_d	3.0	2.5	s	$I_{TM}=500A; V_D=67\%V_{DRM}$ Gate pulse: $V_G=30V; R_G=10ohms;$ $t_r=0.1 s; t_p=20 s$
Turn-off time (with $V_R = -5 V$)	t_q	20		s	$I_{TM} =500 A; di/dt =- 10 A/ s;$ $V_R =50 V; dv/dt=30V/ s ;$ $V_D= 67\%V_{DRM}; T_j=125^{\circ}C$
Reverse recovery charge	Q_{rr}			C	$I_{TM}=500$

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