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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_{iR}

Peak gate power dissipation	P_{GM}		20		W	
Average gate power dissipation	$P_{G(AV)}$		4		W	
Gate-trigger current	I_{GT}		150		mA	$V_D=12V; R_L=30\text{ohms}; T_j=+25^\circ\text{C}$
Gate- trigger voltage	V_{GT}	0.70	2.5		V	$V_D=12V; R_L=30\text{ohms}; T_j=+25^\circ\text{C}$
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: $V_G=30V; R_G=10\text{ohms};$ $t_r=0.1\text{ s}; t_p=20\text{ s}$
Turn-off time (with $V_R = -5\text{ V}$)	t_q	20		s	$I_{TM}=500\text{ A}; di/dt = -10\text{ A/ s};$ $V_R = 50\text{ V}; dv/dt=30V/ \text{ s};$ $V_D= 67\%V_{DRM}; T_j=125^\circ\text{C}$
Reverse recovery charge	Q_{rr}			C	$I_{TM}=500$

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