

!!Attention:

Fast Turn-off Thyristor with different parameters Can be customized according to customer application requirements.

Feature

- Full diffusion process, capsule type ceramic package
- Distributed extension to amplify the gate structure
- Excellent dynamic characteristic
- Low switching loss, Double-sided cooling
- Fast switching performance

Typical Application

- Inverter, Chopper, Inductor
- Various types of forced converter

Type	V _{DRM} V _{RRM}	I _{T(AV)} T _{HS} 55℃	T _q 100℃	dv/dt	di/dt	I _{DRM} I _{RRM}	I _{GT}	V _{GT}	I _H	V _{TM} /I _{TM}	R _{th(j-hs)}	T _{jm}	M2	Outline
							25℃							
	V	A	μS	V/μS	A/μS	mA	mA	V	mA	V/A	℃/W	℃	KN	
KK200A	600-2500	200	16-35	500	100	30	40-250	0.9-2.5	20-400	2.9/600	0.065	115	5.3-10	A-2,8,12,15
KK300A	600-2500	300	16-35	500	100	30	40-250	0.9-2.5	20-400	2.8/900	0.055	115	5.3-10	A-3,9,16
KK400A	600-2500	400	16-35	500	100	40	40-250	0.9-2.5	20-400	2.8/1200	0.040	115	10-20	A-4,10,13,17,18
KK500A	600-2500	500	16-35	500	150	50	40-250	0.9-2.5	20-400	3.15/1500	0.035	115	15-20	A-4,10,13,17,18
KK600A	600-2500	600	16-35	500	150	50	40-300	0.9-3.0	20-400	3.15/1800	0.032	115	15-20	A-5,19
KK800A	600-2500	800	16-35	1000	150	60	40-300	0.9-3.0	20-400	3.15/2400	0.030	115	18-25	A-5,19
KK1000A	600-2500	1000	16-35	1000	150	80	40-300	0.9-3.0	20-500	3.15/3000	0.024	115	19-26	A-6,11,14,20
KK1200A	600-2500	1200	16-35	1000	150	100	40-300	0.9-3.0	20-500	3.15/3000	0.022	115	21-30	A-20,21
KK1500A	600-2500	1500	16-35	1000	250	120	40-300	0.9-3.5	20-500	3.15/3000	0.020	115	21-30	A-20,21,22
KK1800A	600-2500	1800	16-35	1000	250	120	40-400	0.9-3.5	20-800	3.15/4000	0.017	115	27-34	A-22,23,24,25
KK2000A	600-2500	2000	40-80	1000	250	160	40-400	0.9-4.5	20-1000	3.15/4000	0.016	115	30-40	A-22,23,24,25
KK2500A	600-2500	2500	40-80	1000	250	200	40-450	0.9-4.5	20-1000	3.15/5000	0.011	115	35-47	A-22,23,24,25
KK3000A	600-2500	3000	40-80	1000	250	250	40-450	0.9-4.5	20-1000	3.15/5000	0.009	115	70-85	A-22,23,24,25