

Fast recovery diode

!!Attention:

Fast recovery diode with different parameters Can be customized according to customer application requirements.

Feature

- Full diffusion process, capsule type ceramic package
- Amplifying gate structure at the center
- Double-sided cooling, High current

Typical Application

- High power converter
- AC& DC motor control, AC& DC switch
- Phase-controlled rectifying
- Active and reactive inversion
- Flexible AC transmission system

Type	V _{RRM}	I _{F(AV)} T _{HS} 55℃	T _{rr} 100℃	Q _{rr}	I _{FSM} 10ms	I _{RRM}	V _{FM} /I _{FM} 25℃	R _{TH(j-hs)}	T _{jm}	M2	Outline
	V	A	μS	μC	KA	mA	V/A	℃/W	℃	KN	
ZK200A	100-5000	200	2	70	2.7	16	2.2/600	0.090	150	3.3-5.5	A-2,8,12,15
ZK300A	100-5000	300	3	100	4.1	30	2.4/900	0.065	150	5.3-10	A-3,9,16
ZK400A	100-5000	400	3	100	5.4	40	2.4/1200	0.040	150	10-20	A-4,10,13,17,18
ZK500A	100-5000	500	3	120	8	40	2.4/1800	0.033	150	10-20	A-4,10,13,17,18
ZK800A	100-5000	800	3	130	10	40	2.6/2400	0.033	150	10-20	A-5,19
ZK1000A	100-5000	1000	4	150	13	50	2.6/3000	0.030	150	15-20	A-6,11,14,20