

High Power TRIACS — Disc Type

Features

- Integrated 2-antiparallel thyristors (2-gates)
- Amplifying gate structure
- High blocking voltage
- High di/dt



Model	V_{DRM}	V_{DSM}	$I_{T(AV)}$	I_{TSM}	I_{DRM}	dv/dt	I^2t	V_{TM}	di/dt	P_{OM}	I_{GT}	V_{GT}	t_q	$dv/dt(c)$	$R_{\theta jc}$	T_{vj}	Outline
	V_{RRM}	V_{RSM}	@ $T_c = 65^\circ C$	@10 ms	I_{RRM}	V/ μs	kA^2s	V									
	V	V	A	kA	mA			A									
KS200-65	4500	5400	200	2.3	≤ 5	≥ 2000	≤ 26.5	≤ 3.1	500	≤ 100	≤ 20	≤ 200	≥ 3.0	≤ 500	0.086	110	KT40 DT
	4900	5800															
	5100	6000															
	5600	6500															
KS400-65	4500	5400	400	4.5	≤ 5	≥ 2000	≤ 101	≤ 3.1	1000	≤ 100	≤ 20	≤ 200	≥ 3.0	≤ 500	0.043	110	KT55 DT
	4900	5800															
	5100	6000															
	5600	6500															
KS1800-52	4200	4800	1800	29	≤ 10	≥ 2000	≤ 4205	≤ 1.7	2000	≤ 250	≤ 20	≤ 400	≥ 3.0	≤ 500	0.011	125	KT115 DT
	4400	5000															
	4600	5200															
KS2430-28	2400	2500	2430	43	≤ 10	≥ 1000	≤ 9245	≤ 1.4	3000	≤ 250	≤ 20	≤ 400	≥ 3.0	≤ 500	0.011	125	KT115 DT
	2600	2700															
	2800	2900															