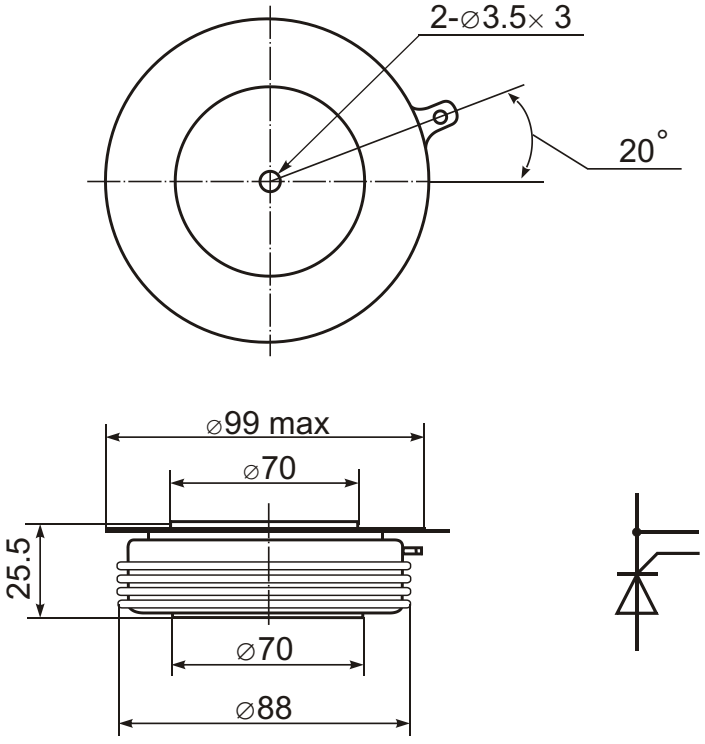
SMTC1-2000

Phase Control Thyristor

Type	V_{RSM}	V_{RRM} , V_{DRM}
SMTC1-2000-6	700	600
SMTC1-2000-8	900	800
SMTC1-2000-10	1100	1000
SMTC1-2000-12	1300	1200
SMTC1-2000-14	1500	1400
SMTC1-2000-16	1700	1600

Type	I_{TAVM} T_C=55 °C	I_{TRMS}	I_{TSM}	(di/dt)cr	(dv/dt)cr	V_{TM}	I_{TM}	V_{TO}	r_T	t_q	V_{GT}	I_{GT}	T_{VJM}	R_{thJC}	F
	A	kA	kA	A/μs	V/μs	V	kA	V	mΩ	μs	V	mA	°C	K/W	kN
SMTC1-2000	2000	4.1	25	250	1000	1.9	4.5	0.95	0.13	450	3.0	300	125	0.011	45



Features:

- Hermetic metal case with ceramic insulator
- Capsule packages for double sided cooling
- International standard case
- Amplifying gates

Typical Applications:

- DC motor control
- AC motor soft starter
- Controlled rectifiers
- AC controllers