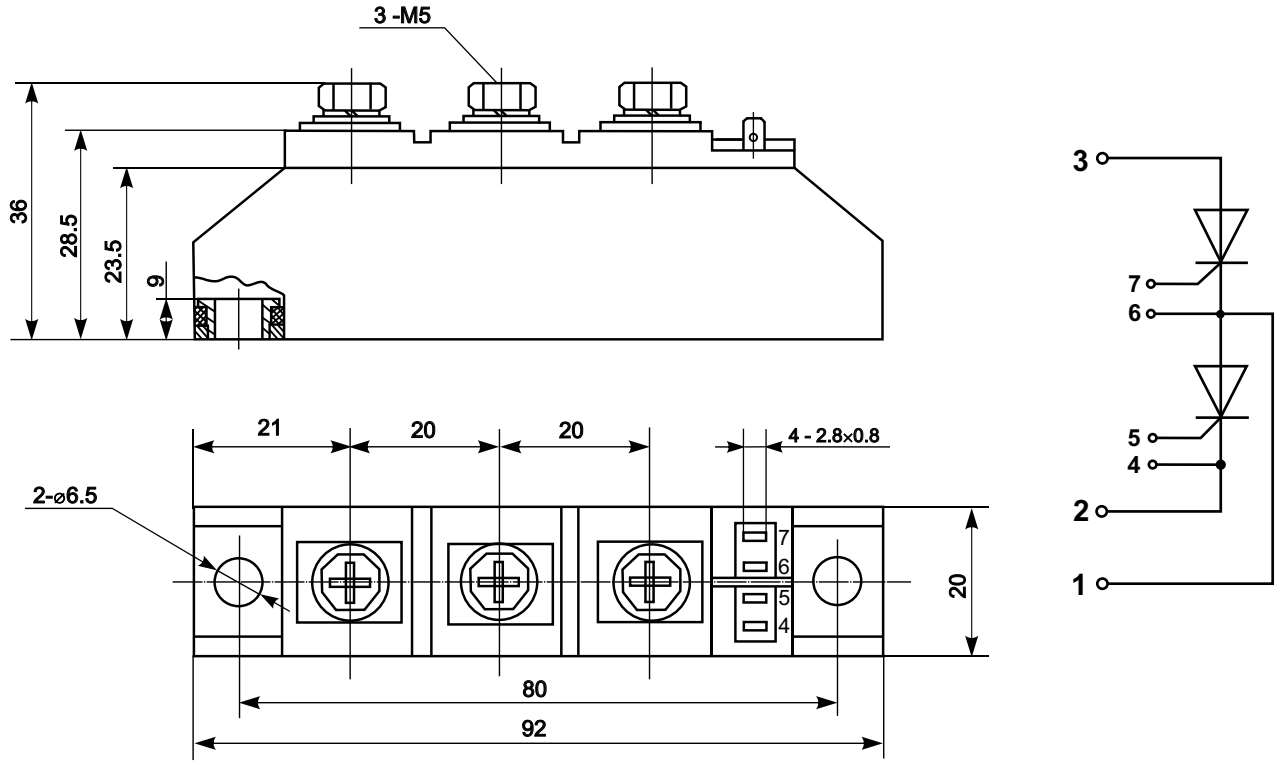
SMTT-50

Thyristor-Thyristor Module



Type	V_{RSM}	V_{RRM} , V_{DRM}
SMTT-50-08	900	800
SMTT-50-12	1300	1200
SMTT-50-14	1500	1400
SMTT-50-16	1700	1600
SMTT-50-18	1900	1800

Type	I_{TAVM}	I_{TRMS}	T_c	I_{TSM}	(di/dt)cr	(dv/dt)cr	V_{TM}	I_{TM}	V_{TO}	r_T	t_q	V_{GT}	I_{GT}	T_{VJM}	V_{isol}	R_{thJC}
	A	A	°C	kA	A/µs	V/µs	V	A	V	mΩ	µs	V	mA	°C	V	K/W
SMTT-50	55	120	85	1.2	150	500	1.57	170	0.85	4.5	150	1.5	100	125	2500	0.48



Features:

- Industrial standard package
- Heat tranasfer through aluminium nitride ceramic isolated metal baseplate
- Precise internal pressure contacts for high reability
- 2500V RMS isolation voltage

Typical Applications:

- DC motor control
- AC motor soft starter
- Temperature control (e.g. for ovens, chemical processes)
- Lighting control