

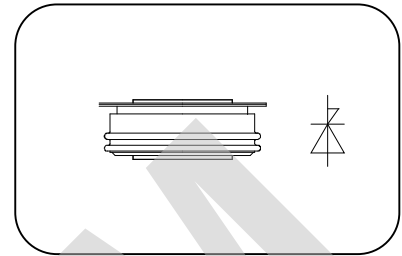
Features:

- n High power
- n High reliability
- n Low price, Long life

Typical Applications:

- n Generator for power exciter
- laser pumping
- n Pulse energization of electrostatic precipitator

I_P **100 KA**
V_{DRM} **2000-2500V**
I_{TSM} **10 KA**



SYMBOL	CHARACTERISTIC	TEST CONDITIONS	VALUE			UNIT
			Min	Type	Max	
I_P	Repetitive peak current	T _J =25°C I _{RT} =500A t _p =50μs			100	KA
V_{DRM}	Repetitive peak off-state voltage	T _J =25°C	2000		2500	V
I_{TSM}	Surge on-state current	T _J =25°C t _p =10ms			10	KA
V_{TM}	Peak forward voltage	T _J =25°C I _p =100KA t _p =50μs			20	V
dv/dt	Critical rate of rise of off-state voltage				0.8	KV/μs
di/dt	Critical rate of rise of on-state current	T _J =25°C t _p =50μs			25	KA/μs
I_{RT}	Reverse peak trigger current			0.5		KA
T_T	peak trigger current duration		1.5		2.5	μs
t_q	Circuit commutated turn-off time			150		μs
F_m	Mounting force		19		26	KN
Outline	ZT50aT					

Outline:

