

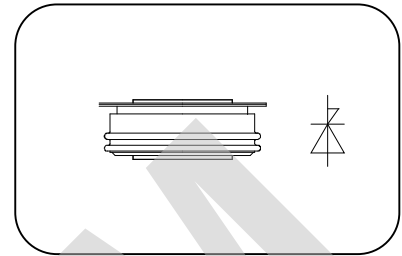
Features:

- 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 **50 KA**
V_{DRM} **1500-1800V**
I_{TSM} **5 KA**



SYMBOL	CHARACTERISTIC	TEST CONDITIONS	VALUE			UNIT
			Min	Type	Max	
I_P	Repetitive peak current	T _J =25°C I _{RT} =250A t _p =50μs			50	KA
V_{DRM}	Repetitive peak off-state voltage	T _J =25°C	1500		1800	V
I_{TSM}	Surge on-state current	T _J =25°C t _p =10ms			5	KA
V_{TM}	Peak forward voltage	T _J =25°C I _p =50KA 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			15	KA/μs
I_{RT}	Reverse peak trigger current			0.25		KA
T_T	peak trigger current duration		1.5		2.5	μs
t_q	Circuit commutated turn-off time			60		μs
F_m	Mounting force		10		20	KN
Outline	ZT33aT					

Outline

