

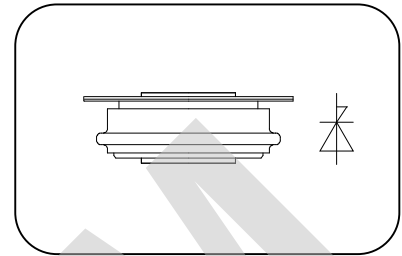
Features:

- 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 **10 KA**
V_{DRM} **800-1000V**
I_{TSM} **1 KA**



SYMBOL	CHARACTERISTIC	TEST CONDITIONS	VALUE			UNIT
			Min	Type	Max	
I_P	Repetitive peak current	T _j =25°C I _{RT} =50A t _p =50μs			10	KA
V_{DRM}	Repetitive peak off-state voltage	T _j =25°C	800		1000	V
I_{TSM}	Surge on-state current	T _j =25°C t _p =10ms			1	KA
V_{TM}	Peak forward voltage	T _j =25°C I _p =10KA t _p =50μs			15	V
dv/dt	Critical rate of rise of off-state voltage				0.6	KV/μs
di/dt	Critical rate of rise of on-state current	T _j =25°C t _p =50μs			3.0	KA/μs
I_{RT}	Reverse peak trigger current			0.05		KA
T_T	peak trigger current duration		1.0		2.0	μs
t_q	Circuit commutated turn-off time			15		μs
F_m	Mounting force		3.0		4.0	KN
Outline	ZT19aT					

Outline:

