

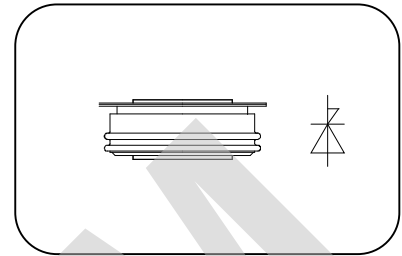
Features:

- 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} **1000-1200V**
 I_{TSM} **5 KA**



SYMBOL	CHARACTERISTIC	TEST CONDITIONS	VALUE			UNIT
			Min	Type	Max	
I_P	Repetitive peak current	$T_j=25^\circ C$ $I_{RT}=250A$ $t_p=50\mu s$			50	KA
V_{DRM}	Repetitive peak off-state voltage	$T_j=25^\circ C$	1000		1200	V
I_{TSM}	Surge on-state current	$T_j=25^\circ C$ $t_p=10ms$			5	KA
V_{TM}	Peak forward voltage	$T_j=25^\circ C$ $I_p=50KA$ $t_p=50\mu s$			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	$T_j=25^\circ C$ $t_p=50\mu s$			15	KA/ μs
I_{RT}	Reverse peak trigger current			0.25		KA
T_T	peak trigger current duration		1.0		2.0	μs
t_q	Circuit commutated turn-off time			25		μs
F_m	Mounting force		10		20	KN
Outline	ZT33aT					

Outline:

