

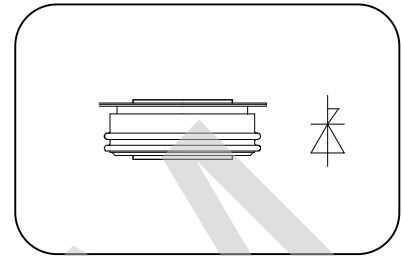
Features:

- 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} **1800-2000V**
 I_{TSM} **10 KA**



SYMBOL	CHARACTERISTIC	TEST CONDITIONS	VALUE			UNIT
			Min	Type	Max	
I_P	Repetitive peak current	$T_j=25^\circ\text{C}$ $I_{RT}=500\text{A}$ $t_p=50\mu\text{s}$			100	KA
V_{DRM}	Repetitive peak off-state voltage	$T_j=25^\circ\text{C}$	1800		2000	V
I_{TSM}	Surge on-state current	$T_j=25^\circ\text{C}$ $t_p=10\text{ms}$			10	KA
V_{TM}	Peak forward voltage	$T_j=25^\circ\text{C}$ $I_p=100\text{KA}$ $t_p=50\mu\text{s}$			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	$T_j=25^\circ\text{C}$ $t_p=50\mu\text{s}$			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			120		μs
F_m	Mounting force		19		26	KN
Outline	ZT50aT					

Outline:

