

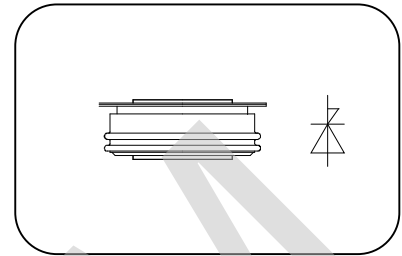
Features:

- 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} **2000-2500V**
 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 | $T_j=25^\circ C$ | 2000 | | 2500 | 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 | $T_j=25^\circ C$ $t_p=50\mu s$ | | | 13 | 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 | | | 80 | | μs |
| F_m | Mounting force | | 10 | | 20 | KN |
| Outline | ZT33aT | | | | | |

Outline:

