

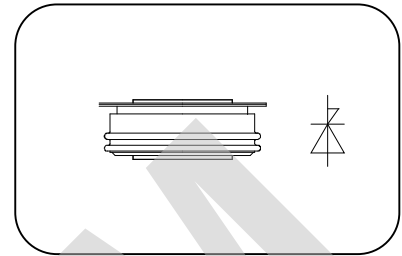
Features:

- 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 **250 KA**
V_{DRM} **1800-2000V**
I_{TSM} **25 KA**



| SYMBOL | CHARACTERISTIC | TEST CONDITIONS | VALUE | | | UNIT |
|------------------------|--|--|-------|------|------|-------|
| | | | Min | Type | Max | |
| I_P | Repetitive peak current | T _J =25°C I _{RT} =1500A t _p =50μs | | | 250 | KA |
| V_{DRM} | Repetitive peak off-state voltage | T _J =25°C | 1800 | | 2000 | V |
| I_{TSM} | Surge on-state current | T _J =25°C t _p =10ms | | | 25 | KA |
| V_{TM} | Peak forward voltage | T _J =25°C I _p =250KA 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 | | | 60 | KA/μs |
| I_{RT} | Reverse peak trigger current | | | 1.5 | | KA |
| T_T | peak trigger current duration | | 1.5 | | 3.0 | μs |
| t_q | Circuit commutated turn-off time | | | 150 | | μs |
| F_m | Mounting force | | 35 | | 47 | KN |
| Outline | ZT73cT | | | | | |

Outline:

