

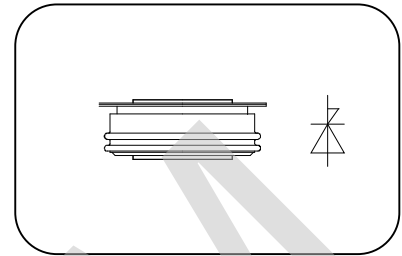
Features:

- 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
- n Power magnetron modulation

I_P 180 KA
V_{DRM} 2500-3000 V
I_{TSM} 18 KA



| SYMBOL | CHARACTERISTIC | TEST CONDITIONS | VALUE | | | UNIT |
|------------------------|--|--|-------|------|------|-------|
| | | | Min | Type | Max | |
| I_P | Repetitive peak current | T _j =25°C I _{RT} =1100A t _p =50μs | | | 180 | KA |
| V_{DRM} | Repetitive peak off-state voltage | T _j =25°C | 2500 | | 3000 | V |
| I_{TSM} | Surge on-state current | T _j =25°C t _p =10ms | | | 18 | KA |
| V_{TM} | Peak forward voltage | T _j =25°C I _p =180KA t _p =50μs | | | 20 | V |
| dv/dt | Critical rate of rise of off-state voltage | | | | 1.0 | KV/μs |
| di/dt | Critical rate of rise of on-state current | T _j =25°C t _p =50μs | | | 40 | KA/μs |
| I_{RT} | Reverse peak trigger current | | | 1.1 | | KA |
| T_T | peak trigger current duration | | 1.5 | | 3.0 | μs |
| t_q | Circuit commutated turn-off time | | | 230 | | μs |
| F_m | Mounting force | | 27 | | 34 | KN |
| Outline | ZT60cT65 | | | | | |

Outline:

