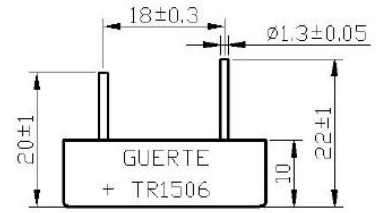


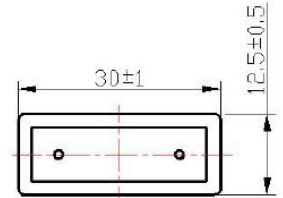
Feature

- Good flame-resistance
- Good insulation, safe use
- Small volume, light weight



Application

- Heater (power less than 900W/220V)



● Maximum value

| Symbol | Parameter | Rating | 单位 |
|-----------|-------------------------------------|--------|----|
| | | TR1506 | |
| V_{RRM} | Reverse peak repetitive voltage | 600 | V |
| V_{RSM} | Reverse peak non-repetitive voltage | 700 | V |

| Symbol | Parameter | Test condition | Rating | Unit |
|-------------|--------------------------------|--|-------------|----------------------|
| $I_{F(AV)}$ | Forward average current | $T_C=55^\circ\text{C}$ | 15 | A |
| I_{FSM} | Forward surge current | $\sin 50\text{Hz}, t=10\text{ms}, T_j=25^\circ\text{C}$ | 180 | A |
| I^2t | I^2t value | | 162 | A^2S |
| V_{ISO} | Isolation voltage | 50Hz, R.M.S, $t=1\text{min}$, $I_{so}:1\text{mA}(\text{max})$ | 2500 | V |
| T_j | Operating junction temperature | | -40 to +150 | $^\circ\text{C}$ |
| T_{jm} | Rated junction temperature | | 150 | $^\circ\text{C}$ |
| T_{stg} | Storage temperature | | -40 to +120 | $^\circ\text{C}$ |
| W_t | Weight | | 10 | g |

● Electrical characteristics

| Symbol | Parameter | Test condition | Max value | Unit |
|-----------|---------------------------------|---|-----------|---------------|
| I_{RRM} | Peak reverse repetitive current | $V_R=V_{RRM}, T_j=25^\circ\text{C}$ | 5 | μA |
| | | $V_R=V_{RRM}, T_j=150^\circ\text{C}$ | 3 | mA |
| V_{FM} | Peak forward voltage | $I_{FM}=45\text{A}, T_j=25^\circ\text{C}$ | 1.3 | V |

