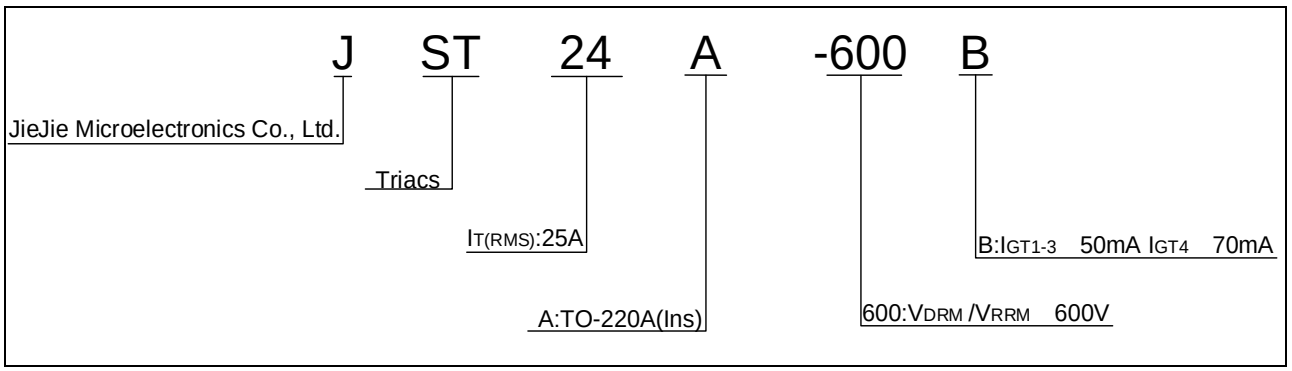
# JST24A-600B 25A TRIAC

Rev.A.1.1

| | | | |
|---|---|---|---|
| Peak pulse voltage<br>($T_j$=25 ; non-repetitive,off-state;FIG.7) | $V_{pp}$ | 2 | kV |

($T_j$=25 unless otherwise specified)

| Symbol | Test Condition | Quadrant | Value | | Unit |
|---|---|---|---|---|---|
| $I_{GT}$ | $V_D$=12V $R_L$=33Ω | - - | MAX. | 50 | mA |
| | | | | 70 | |
| $V_{GT}$ | | ALL | MAX. | 1 | V |
| $V_{GD}$ | $V_D$ | | | | |


J
ST
24
A
-600
B
JieJie Microelectronics Co., Ltd.
Triacs
IT(RMS):25A
A:TO-220A(Ins)
600:VDRM /VRRM 600V
B:IGT1-3 50mA IGT4 70mA

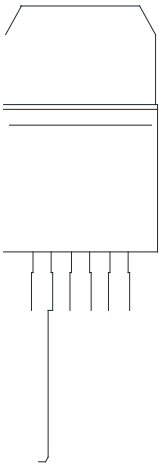


**FIG.1:** Maximum power dissipation versus RMS on-state current

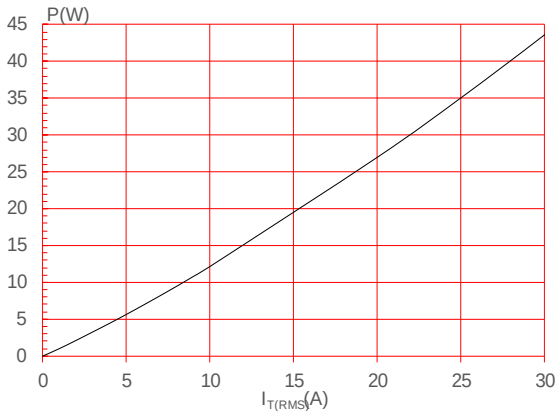



**FIG.2:** RMS on-state current versus case temperature

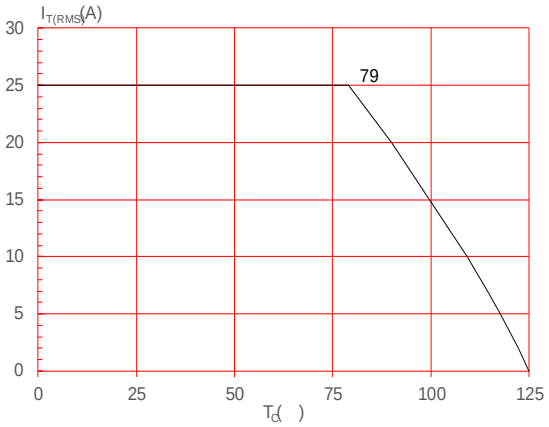
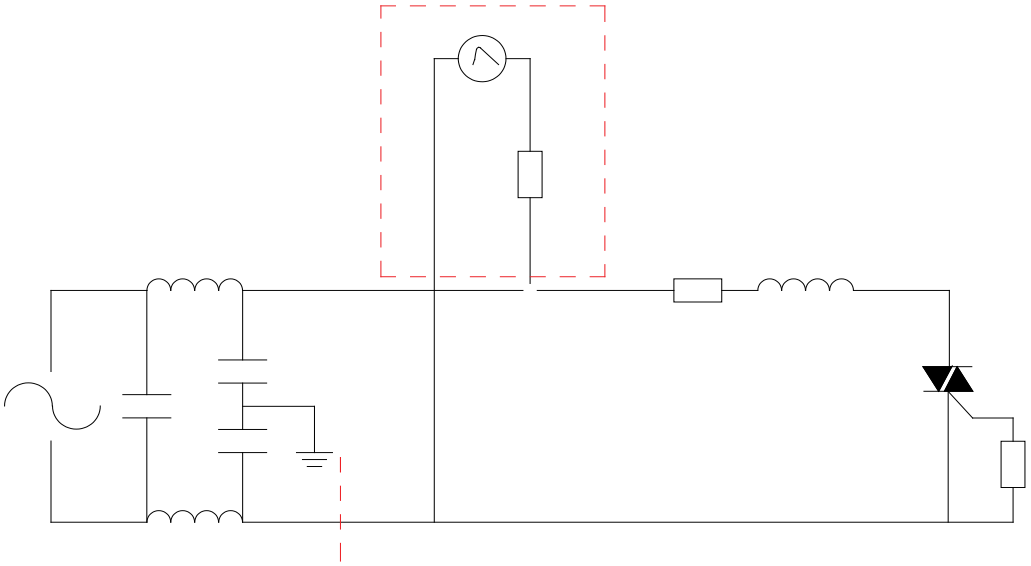


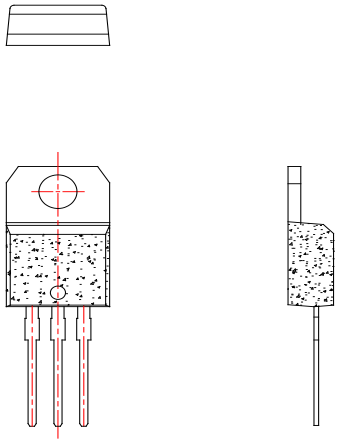

**FIG.3:** Surge peak on-state current versus number of cycles

**FIG.4:** On-state characteristics

FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



| Order code | Voltage $V_{DRM}/V_{RRM}$ (V) | IGT(mA) | | Package | Base qty. (pcs) | Delivery mode |
|---|---|---|---|---|---|---|
| | | - | - | | | |
| JST24A-600B | 600 | 50 | 70 | TO-220A(Ins) | 50 | Tube |



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