# JST08A-1200CW 8A TRIAC

Rev.A.1.1

## DESCRIPTION:

The JST08A-1200CW

| | | | |
|---|---|---|---|
| Peak gate power | $P_{GM}$ | 10 | W |
| Peak pulse voltage ($T_j$=25 ; non-repetitive,off-state;FIG.7) | $V_{pp}$ | 2 | kV |

## ELECTRICAL CHARACTERISTICS ($T_j$=25 unless otherwise specified)

| Symbol | Test Condition | Quadrant | Value | | Unit |
|---|---|---|---|---|---|
| $I_{GT}$ | $V_D$ =12V $R_L$ =33 | - - | MAX. | 35 | mA |
| $V_{GT}$ | | - - | MAX. | 1 | V |
| $V_{GD}$ | | - - | | | |

V V

CHARACTERS

=3

1

## ORDERING INFORMATION

| J | ST | 08 | A | -1200 | CW |
|---|---|---|---|---|---|
| JieJie Microelectronics Co., Ltd. | Triacs | $I_{T(RMS)}$:8A | A:TO-220A(Ins) | 1200:$V_{DRM}$ /$V_{RRM}$ 11200 V | CW:$I_{GT1-3}$ 035 mA |

## MARKING

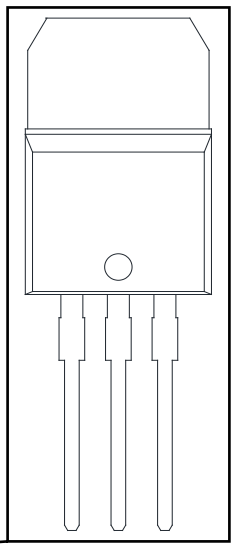


FIG.1: Maximum power dissipation versus RMS on-state current

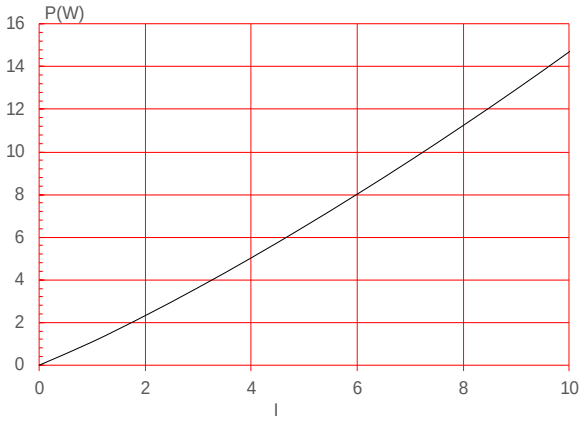



FIG.2: RMS on-state current versus case temperature

## ORDERING INFORMATION

| Order code | Voltage $V_{DRM}/V_{RRM}$ (V) | IGT(mA) | Package | Base qty. (pcs) | Delivery mode |
|---|---|---|---|---|---|
| | | - - | | | |
| JST08A-1200CW | 1200 | 35 | TO-220A(Ins) | 50 | Tube |

### Document Revision History

| Date | Revision | Changes |
|---|---|---|
| Apr.11, 2023 | A.1.0 | Last updated |
| Oct.11, 2025 | A.1.1 | Revise PACKAGE MECHANICAL DATA |