JST12A-800BW 12A TRIAC Rev.A.1.1

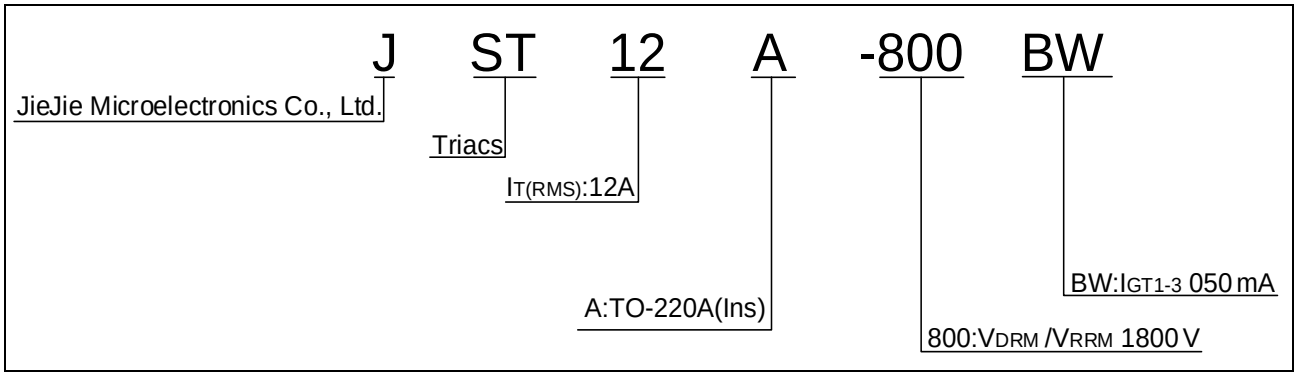
## DESCRIPTION:

The JST12A-800BW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating power supply.

| | | | |
|---|---|---|---|
| Peak gate power | $P_{GM}$ | 10 | W |
| Peak pulse voltage ($T_j$=25 ; non-repetitive,off-state;FIG.7) | $V_{pp}$ | 4.5 | kV |

ELECTRICAL CHARACTERISTICS ($T_j$=25 unless othe2 0 0 366.84 (o)-2 (n)]TJ9.12 697.44 Tm [(=2)-

## ORDERING INFORMATION




## MARKING

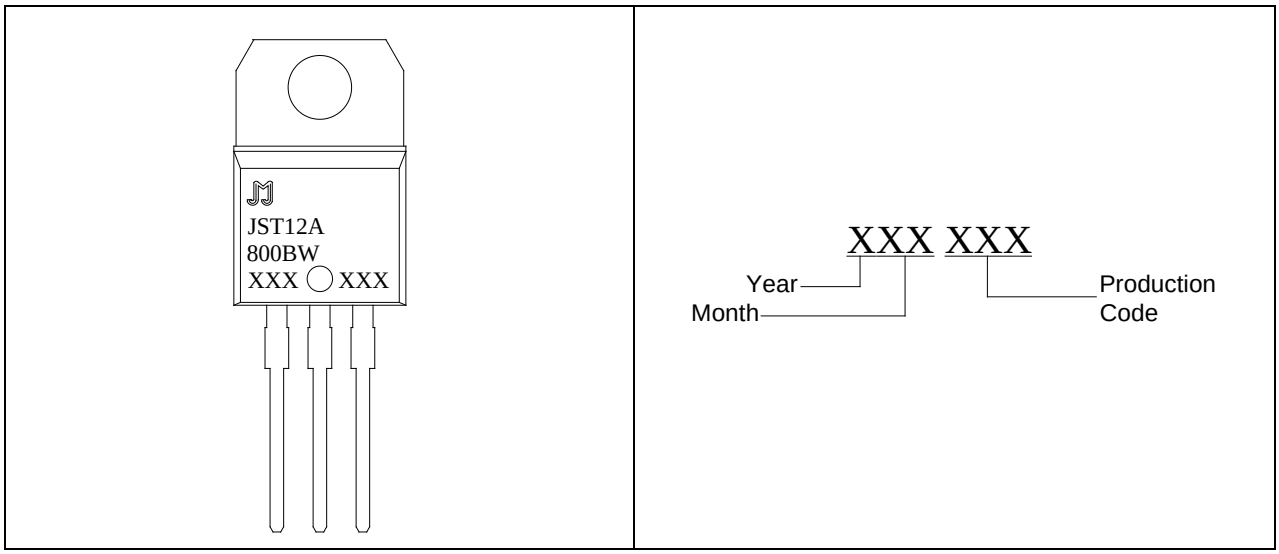


FIG.1: Maximum power dissipation versus RMS on-state current

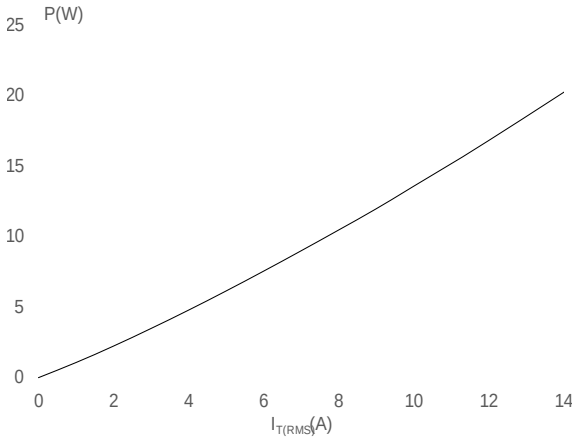



FIG.2: RMS on-state current versus case temperature

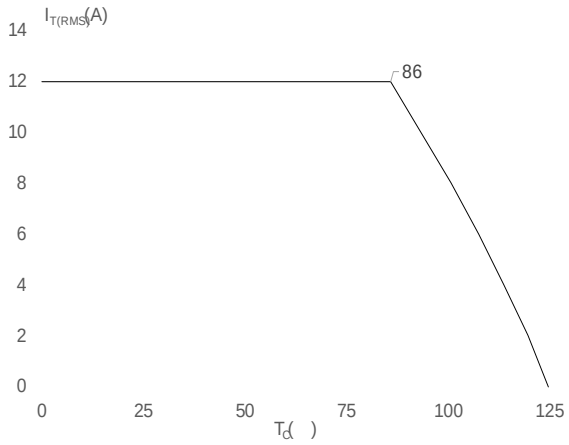
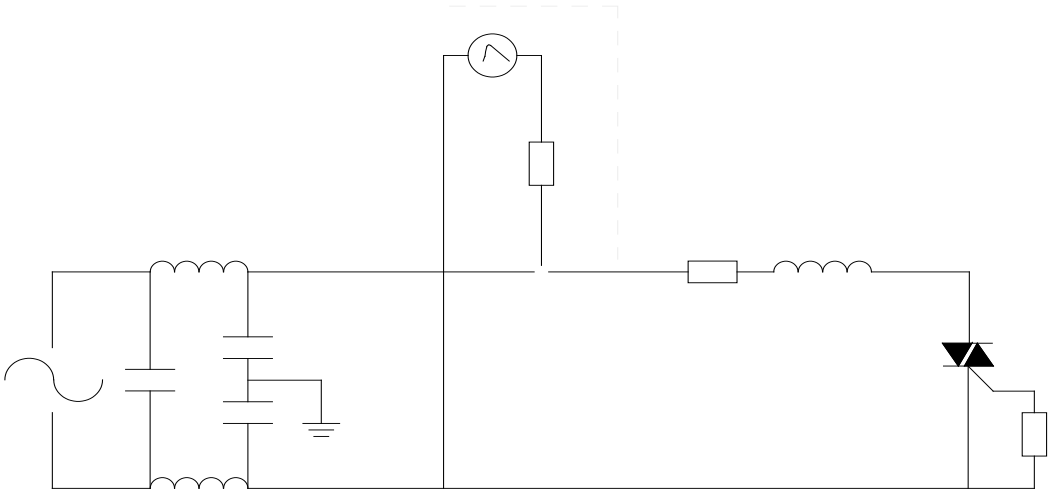



FIG.3: Surge peak on-state current versus number of cycles

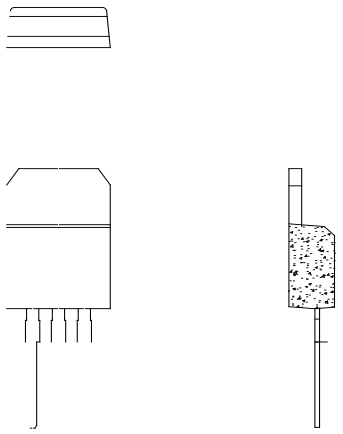
FIG.4: On-state characteristics

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



Delivery mode

PACKAGE MECHANICAL DATA



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