



## JST08F-800C 8A TRIAC

Rev.A.1.1

### DESCRIPTION:

The JST08F-800C triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in

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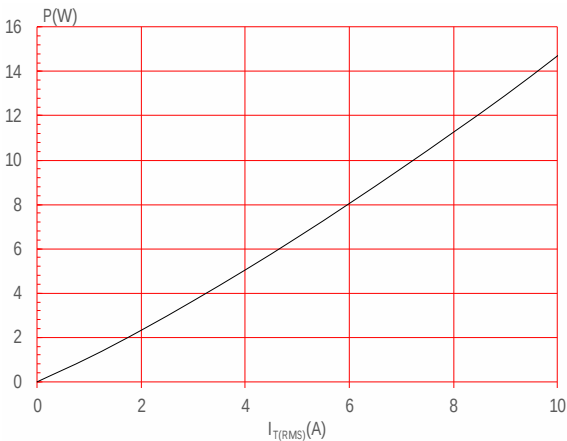
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|                                                                      |          |   |    |
|----------------------------------------------------------------------|----------|---|----|
| Peak pulse voltage<br>( $T_j=25$ ; non-repetitive, off-state; FIG.7) | $V_{PP}$ | 1 | kV |
|----------------------------------------------------------------------|----------|---|----|

**ELECTRICAL CHARACTERISTICS** ( $T_j=25$

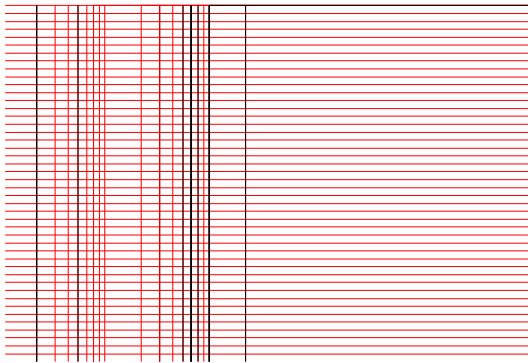


**FIG.1:** Maximum power dissipation versus RMS on-state current



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

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





## ORDERING INFORMATION

| Order code  | Voltage<br>$V_{\text{DRM}}/V_{\text{RRM}}$ (V) | IGT(mA) |    | Package      | Base qty.<br>(pcs) | Delivery mode |
|-------------|------------------------------------------------|---------|----|--------------|--------------------|---------------|
|             |                                                | - -     |    |              |                    |               |
| JST08F-800C | 800                                            | 25      | 50 | TO-220F(Ins) | 50                 | Tube          |

## Document Revision History

| Date         | Revision | Changes                        |
|--------------|----------|--------------------------------|
| Apr.14, 2023 | A.1.0    | Last updated                   |
| Oct.14, 2025 | A.1.1    | Revise PACKAGE MECHANICAL DATA |

**PACKAGE MECHANICAL DATA**



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Information furnished in this document is believed to be accurate and reliable. However, Jiangsu JieJie Microelectronics Co., Ltd assumes no responsibility for the consequences of use without  $\bar{A}$   $m \mid \imath M \tilde{z} \varphi^D \imath \varepsilon t!$  "  $\Pi'$  '  $\Psi'$  ,