



## JST137F-800E 8A TRIAC

Rev.A.1.1

### DESCRIPTION:

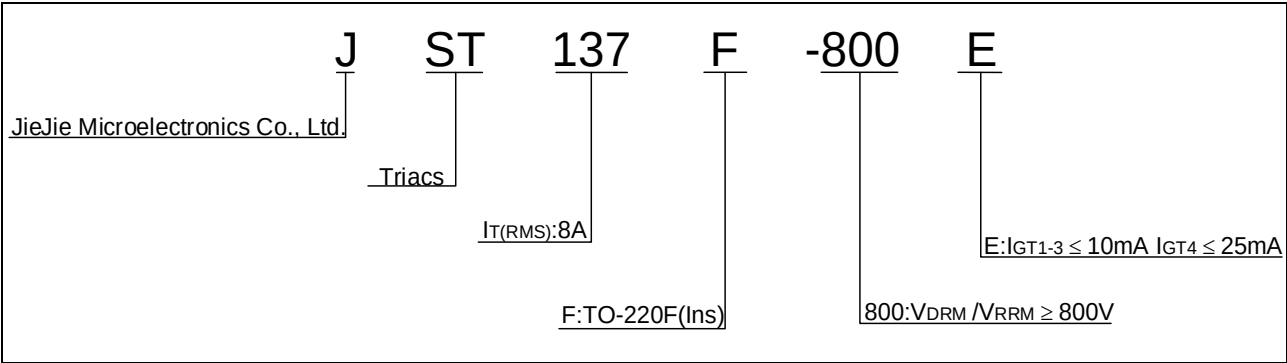
The JST137F-800E triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. By using an external plastic package, JST137F-800E provides a rated insulation voltage of 2000 VRMS, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.

### MAIN FEATURES

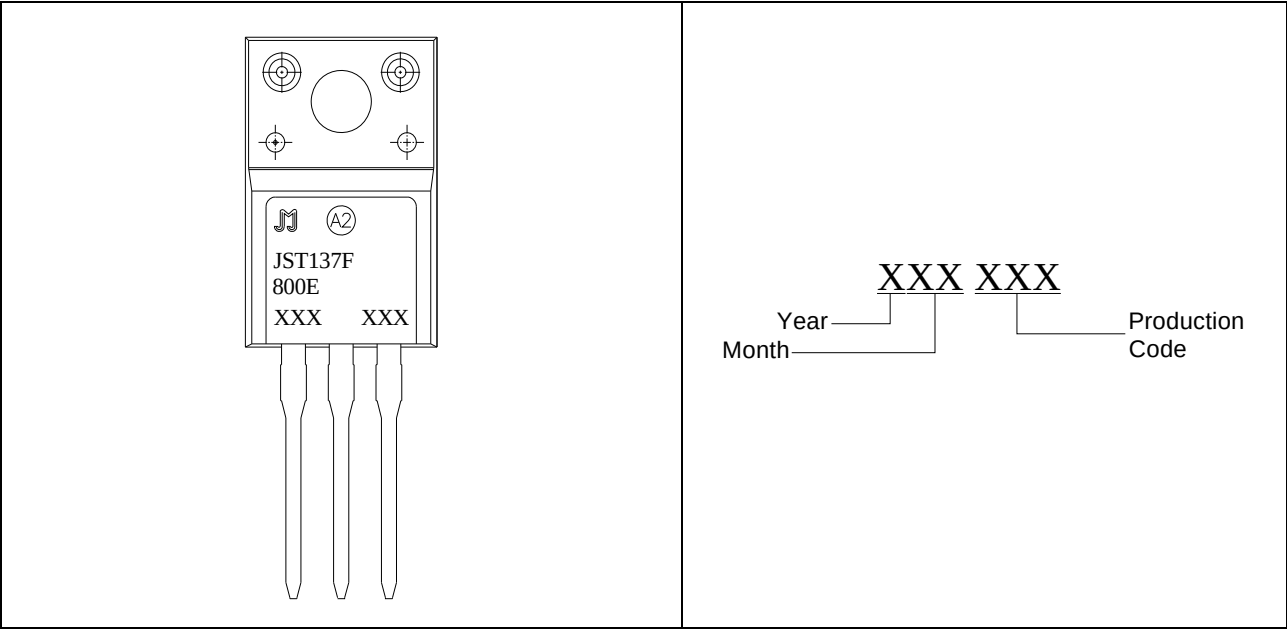


Peak pulse voltage  
( $T_j=25$

ORDERING INFORMATION

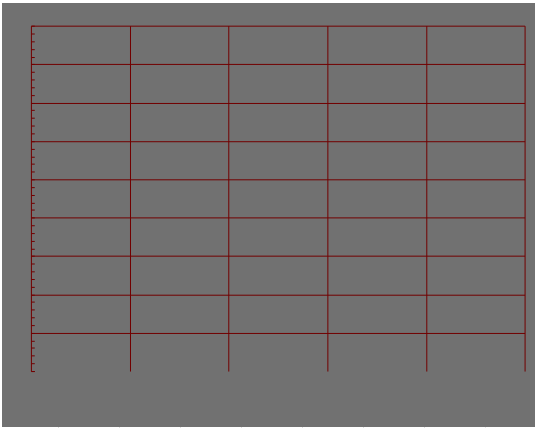


MARKING



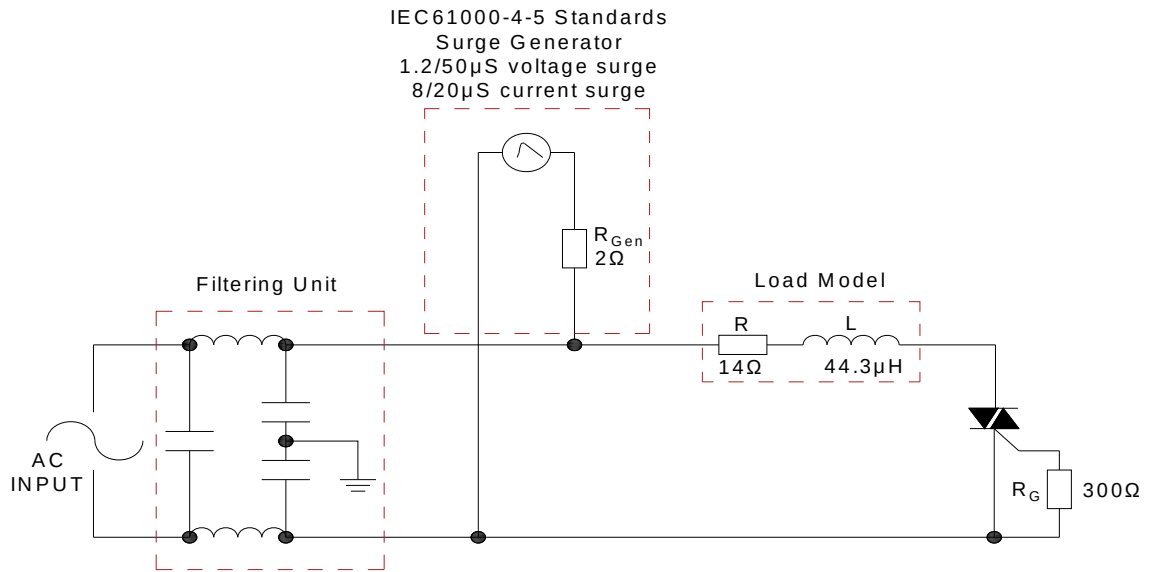


**FIG.1:** Maximum power dissipation versus RMS on-state current



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

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





## ORDERING INFORMATION

| Order code   | Voltage<br>$V_{\text{DRM}}/V_{\text{RRM}}$ (V) | IGT(mA)         |                  | Package      | Base qty.<br>(pcs) | Delivery mode |
|--------------|------------------------------------------------|-----------------|------------------|--------------|--------------------|---------------|
|              |                                                | $t_{\text{on}}$ | $t_{\text{off}}$ |              |                    |               |
| JST137F-800E | 800                                            | 10              | 25               | TO-220F(Ins) | 50                 | Tube          |

## Document Revision History

| Date         | Revision | Changes                        |
|--------------|----------|--------------------------------|
| Apr.14, 2023 | A.1.0    | Last updated                   |
| Oct.15, 2025 | A.1.1    | Revise PACKAGE MECHANICAL DATA |



PACKAGE MECHANICAL DATA Бҫ - Өҫ Бҫ Лҫ А } А UB Бҫ r q Бҫ





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