



## JST06F-800C 6A TRIAC

Rev.A.1.1

The JST06F-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 light dimmers, motor speed controllers. By using an external plastic package, JST06F-800C provides a rated insulation voltage of 2000 VRMS, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.

Parameter

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Peak pulse voltage  
(Tj=25 9 ko ~ ' a δ\_ = .@ř 6 đñ š M ĩ r 3 æ

|                                   |        |                 |   |                                              |                                       |
|-----------------------------------|--------|-----------------|---|----------------------------------------------|---------------------------------------|
| J                                 | ST     | 06              | F | -800                                         | C                                     |
| JieJie Microelectronics Co., Ltd. | Triacs | $I_{T(RMS)}:6A$ |   |                                              | $C:I_{GT1-3} 0.25mA \ I_{GT4} 0.50mA$ |
|                                   |        | F:TO-220F(Ins)  |   | 800:V <sub>DRM</sub> /V <sub>RRM</sub> 1800V |                                       |

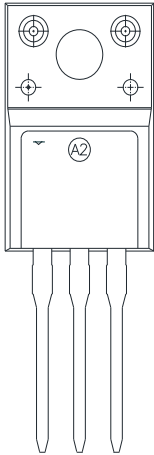
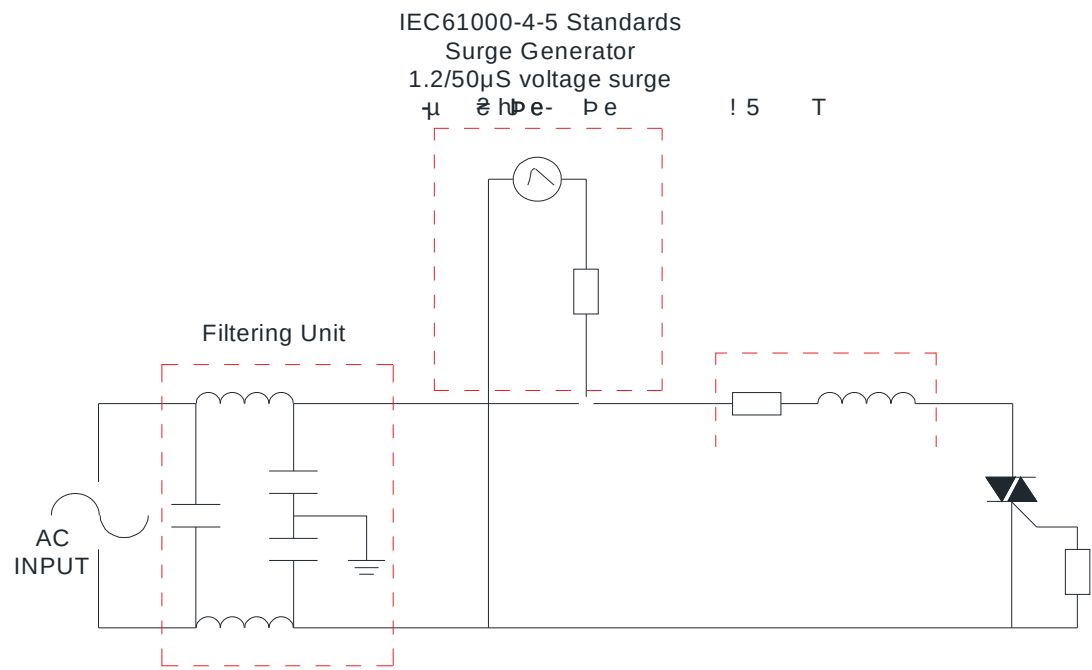




FIG.7 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards



| Order code  | Voltage<br>V <sub>DRM</sub> /V <sub>R<sub>RRM</sub></sub> (V) | IGT(mA) |    | Package      | Base qty.<br>(pcs) | Delivery mode |
|-------------|---------------------------------------------------------------|---------|----|--------------|--------------------|---------------|
|             |                                                               | - -     |    |              |                    |               |
| JST06F-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 |



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