



## JST12C-1000CW 12A TRIAC

Rev.A.1.1

### DESCRIPTION:

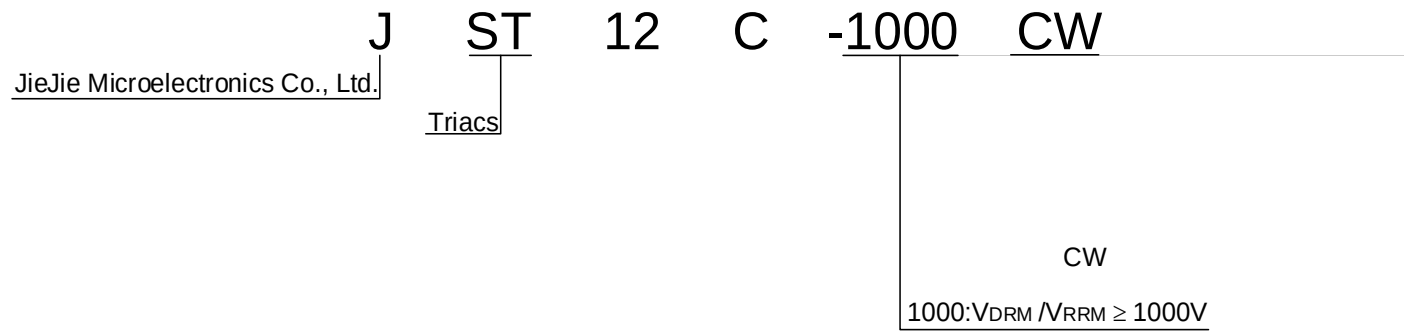
The JST12C-1000CW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. JST12C-1000CW snubberless triac is especially recommended for use on inductive loads. From T2 terminals to external heatsink. Package TO-220C is RoHS compliant.

### MAIN FEATURES

### ABSOLUTE



ORDERING INFORMATION 04871020 0 -59.7334557 231.9056813 724.8236715 cm /



**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<br>mode |
|---------------|------------------------------------------------|---------|---------|--------------------|------------------|
|               |                                                | H- I- J |         |                    |                  |
| JST12C-1000CW | 1000                                           | 35      | TO-220C | 50                 | Tube             |

**Document Revision History**

| Date         | Revision | Changes                        |
|--------------|----------|--------------------------------|
| Apr.11, 2023 | A.1.0    | Last updated                   |
| Oct.15, 2025 | A.1.1    | Revise PACKAGE MECHANICAL DATA |



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