



JST20C-1200CW 20A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST20C-1200CW 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. JST20C-1200CW 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 MAXIMUM RATINGS

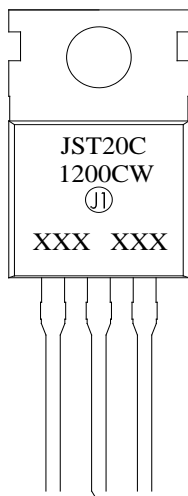
| Parameter | Symbol | Value | Unit |
|--|--------------|---------|------|
| Storage junction temperature range | T_{stg} | -40-150 | |
| Operating junction temperature range | T_j | -40-125 | |
| Repetitive peak off-state voltage ($T_j=25^\circ\text{C}$) | V_{DRM} | 1200 | V |
| Repetitive peak reverse voltage ($T_j=25^\circ\text{C}$) | V_{RRM} | 1200 | V |
| RMS on-state current ($T_c=98^\circ\text{C}$) | $I_{T(RMS)}$ | 20 | A |

Non repetitive surge peak on-state current

ORDERING INFORMATION

| | | | | | |
|-----------------------------------|-----------|------------------|-----------|-----------------------|----------------|
| J | ST | 20 | C | -1200 | CW |
| JieJie Microelectronics Co., Ltd. | Triacs | $I_{T(RMS)}:20A$ | C:TO-220C | 1200:VDRM /VRRM 1200V | CW:IGT1-3 35mA |

MARKING



ORDERING INFORMATION

| Order code | Voltage V_{DRM}/V_{RRM} (V) | IGT(mA) | Package | Base qty. (pcs) | Delivery mode |
|----------------------|----------------------------------|-----------|----------------|--------------------|------------------|
| | | - - | | | |
| JST20C-1200CW | 1200 | 35 | TO-220C | 50 | Tube |

Document Revision History

| Date | Revision | Changes | 99.10.562 8 35.6255299.. |
|--------------|----------|---------|--------------------------|
| Apr.12, 2023 | A | | |

