



JST80CS-1200BW 80A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST80CS-1200BW 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. JST80CS-1200BW snubberless triac is especially recommended for use on inductive loads. Package TO-247S is RoHS compliant.

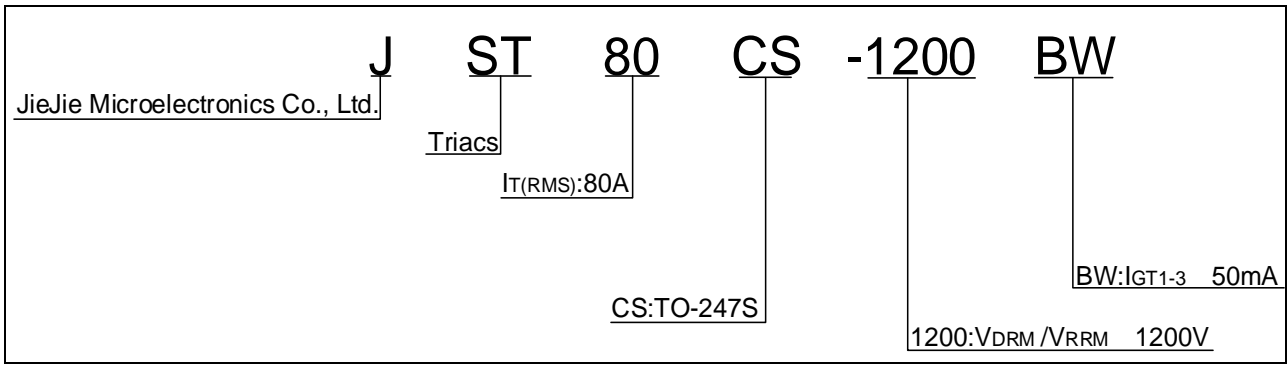
MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

| Parameter | Symbol | Value | Unit |
|-----------|--------|-------|------|
|-----------|--------|-------|------|

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

ORDERING INFORMATION



MARKING

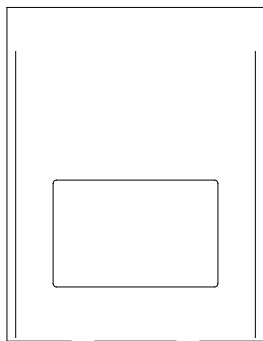


FIG.1: Maximum power dissipation versus RMS on-state current

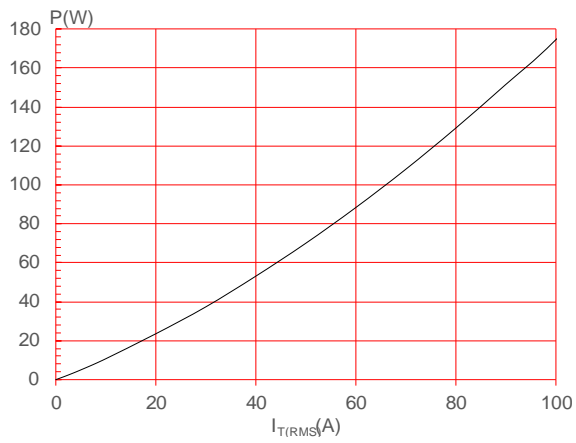


FIG.3: Surge peak on-state current versus number of cycles

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

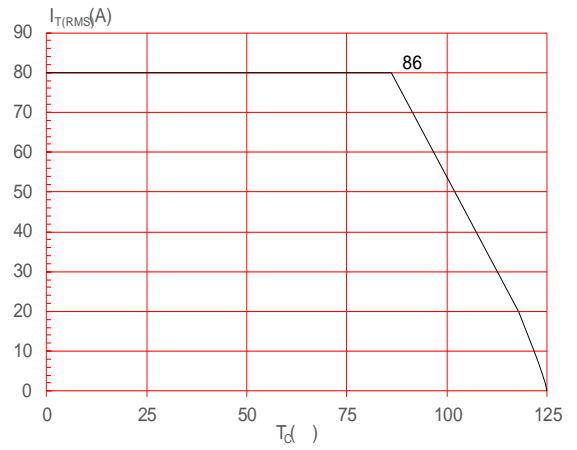


FIG.4: On-state characteristic

PACKAGE MECHANICAL DATA

