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

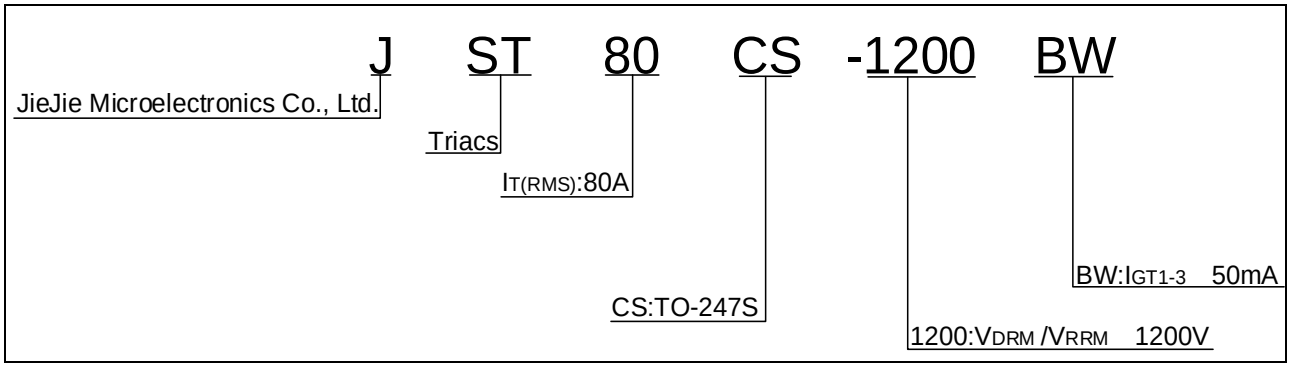
ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit

Peak pulse voltage (Ta=25 ... per positive pulse, refer to FIG.7)	V_{pp}	1	kV

2.64 764.4 Tm (pp)Tj 0 Tc 0 Tw 12 0 0 12 341.52 757.2.04 332.64 764.4 Tm (pp)1 Tf 0.002W71

ORDERING INFORMATION



MARKING

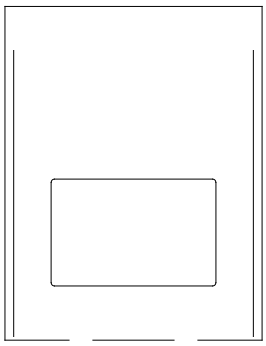


FIG.1: Maximum power dissipation versus RMS on-state current

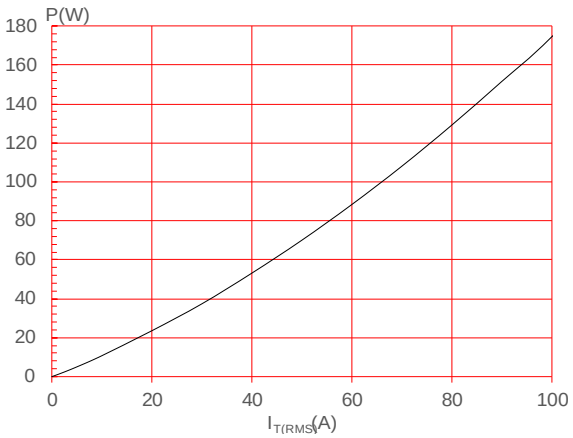


FIG.2: RMS on-state current versus case temperature

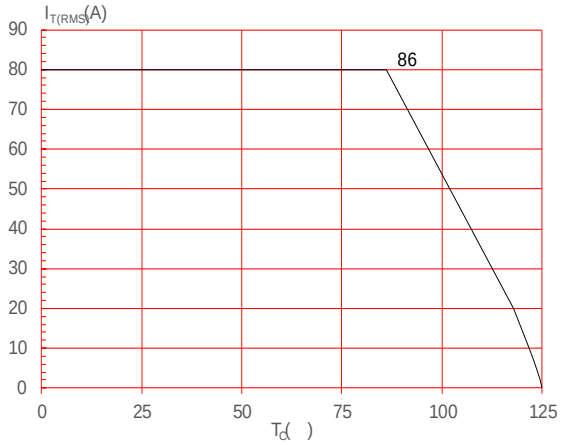


FIG.3: Surge peak on-state current versus number of cycles

FIG.4: On-state characteristic

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM}(V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST80CS-1200BW	1200	50	TO-247S	30	Tube