

JST08A-1200SW 8A TRIAC

Rev.A.1.1

## DESCRIPTION:

The JST08A-1200SW 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. JST08A-1200SW snubberless triac is especially recommended for use on inductive loads. It can be driven directly through the MCU I/O port. By using an internal ceramic pad, JST08A-1200SW provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.

## MAIN FEATURES

ABSOLUTE MAXIMUM RTw 5 Tbe d4.1 (T)-2.7 (IN)-1.1 (G)-6 (S)]TJ 0 Tc 0 Tw 13.085



ORDERING INFORMATION

<b>J</b>	<b>ST</b>	<b>08</b>	<b>A</b>	<b>-1200</b>	<b>SW</b>
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:8A$	A:TO-220A(Ins)		SW:IGT1-3 010mA
				1200:V <sub>DRM</sub> /V <sub>RRM</sub> 11200V	

MARKING

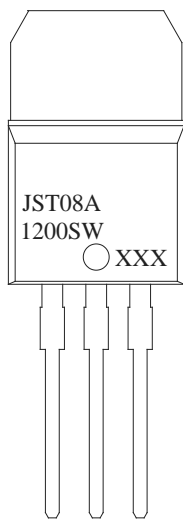


FIG.1: Maximum power dissipation versus RMS on-state current

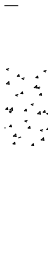
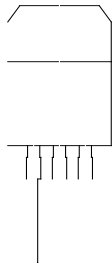


FIG.2: RMS on-state current versus case temperature



JST08A-1200SW

PACKAGE MECHANICAL DATA



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