



JST16F-800BW 16A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST16F-800BW 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. JST16F-800BW snubberless triac is especially recommended for use on inductive loads. By using an external plastic package, JST16F-800BW provides a rated insulation voltage of 2000 VRMS, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
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JST16F-800BW

ORDERING INFORMATION

J	ST	16	F	-800	BW
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}: 16A$			
			F: TO-220F(Ins)		
					BW: IGT1-3 50mA
				800: V_{DRM} / V_{RRM} 800V	

MARKING

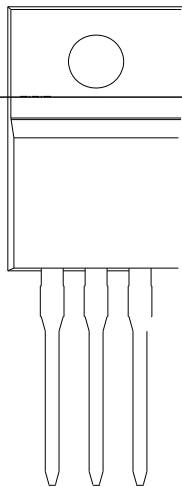


FIG.1: Maximum power dissipation versus RMS on-state current

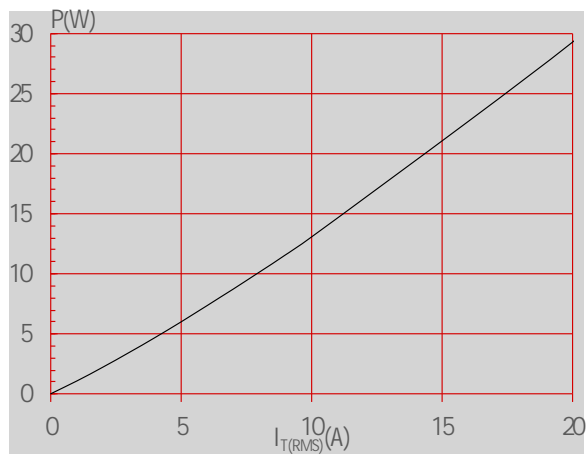


FIG.2: RMS on-state current versus case temperature

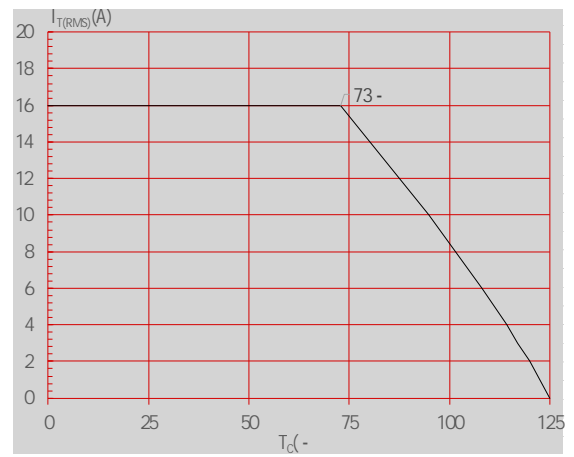
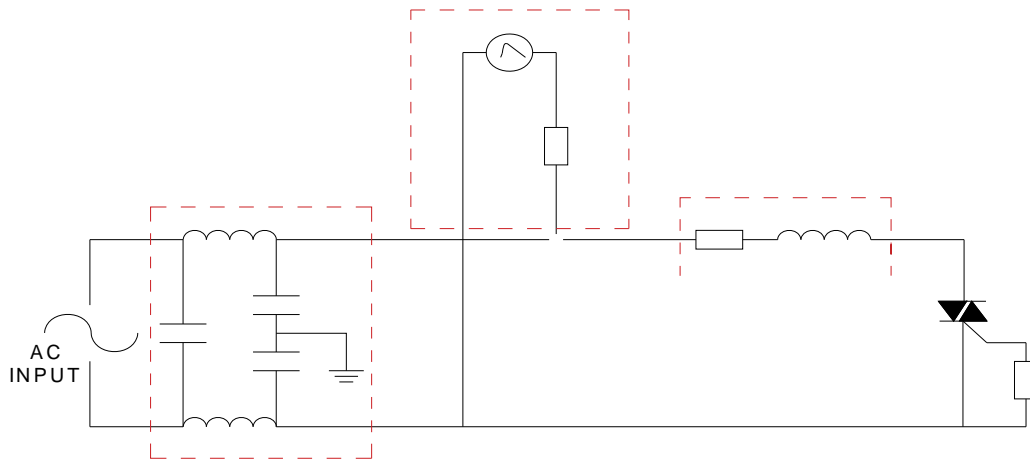
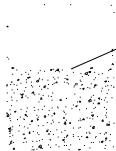


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



PACKAGE MECHANICAL DATA



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