



The ST10A-800CW 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. JS10A-800CW snubberless triac is especially recommended for use on inductive loads. By using an internal ceramic pad, JS10A-800CW provides a rated insulation voltage of 2500 VAC, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.



a	b	c	d
Storage junction temperature range	T_{stg} 10A	T T	

31 22.831 e g3 0





	<u>J</u>	<u>ST</u>	<u>10</u>	<u>A</u>	<u>-800</u>	<u>CW</u>
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:10A$				
			$A:TO-220A(Ins)$			$CW:I_{GT1-3} 0.35mA$
					$800:V_{DRM}/V_{RRM} 1800V$	



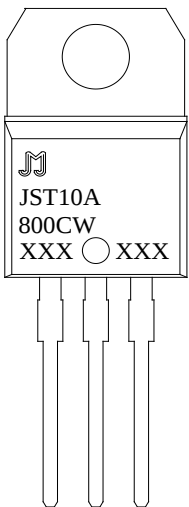
	<u>XXX</u> <u>XXX</u> Year ———— Month ———— Production Code
---	---



Figure 1: Maximum power dissipation versus RMS on-state current

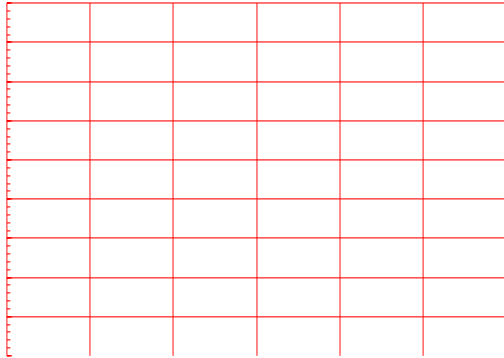


Figure 2: RMS on-state current versus case temperature

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

