



DESCRIPTION:

The JST08K-600CW 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. JST08K-600CW snubberless triac is especially recommended for use on inductive loads. Package TO-252 is RoHS compliant.

MAIN FEATURES

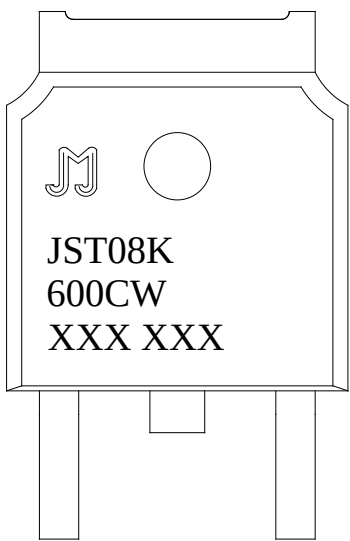
ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-125	
Repetitive peak off-state voltage ($T_j=25^\circ\text{C}$)	V_{DRM}	600	V
Repetitive peak reverse voltage ($T_j=25^\circ\text{C}$)	V_{RRM}	600	V
RMS on-state current ($T_C \leq 91^\circ\text{C}$)	$I_{T(RMS)}$	8	A
Non repetitive surge peak on-state current (full cycle , $t_p=20\text{ms}$, $T_j=25^\circ\text{C}$)	I_{TSM}		

ORDERING INFORMATION

<u>J</u>	<u>ST</u>	<u>08</u>	<u>K</u>	<u>-600</u>	<u>CW</u>	<u>-/</u>
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:8A$				Blank:Tube -TR:Tape & Reel
			<u>K:TO-252</u>		<u>CW:$I_{GT1-3} \leq 35mA$</u>	
				<u>600:$V_{DRM} / V_{RRM} \geq 600V$</u>		

MARKING

 The diagram shows a TO-252 package with a marking area containing the JieJie logo, a circle, and the text: JST08K, 600CW, and XXX XXX.	<u>XXX</u> <u>XXX</u> Year ———— Month ———— Production Code
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JST08K-600CW



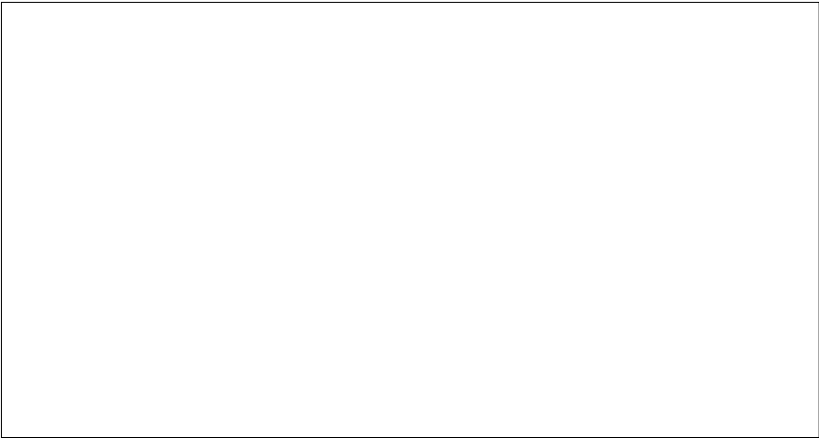
Jie Jie Microelectronics Co., Ltd.

Maximum power dissipation at 50°C is 0.852 W (0.466.0171)TJ 0 Tc 0.852Tc -0.007 Tw 0.614 0 Td [(M)3

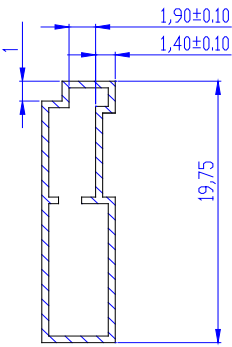
JST08K-600CW

PACKAGE MECHANICAL DATA

Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A						
A2						
B						
C						
D						
E						
G						
G1						
L						



DELIVERY MODE



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