



### 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.

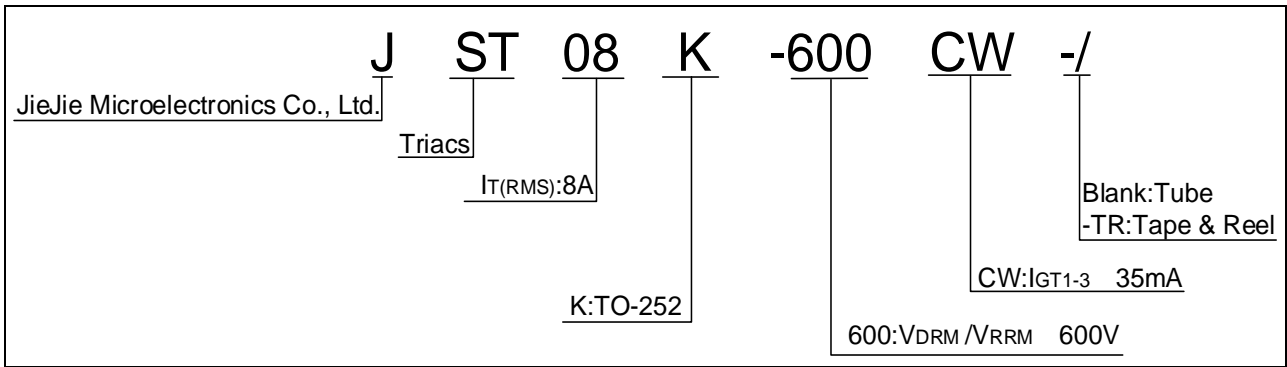
### MAIN FEATURES

### ABSOLUTE MAXIMUM RATINGS

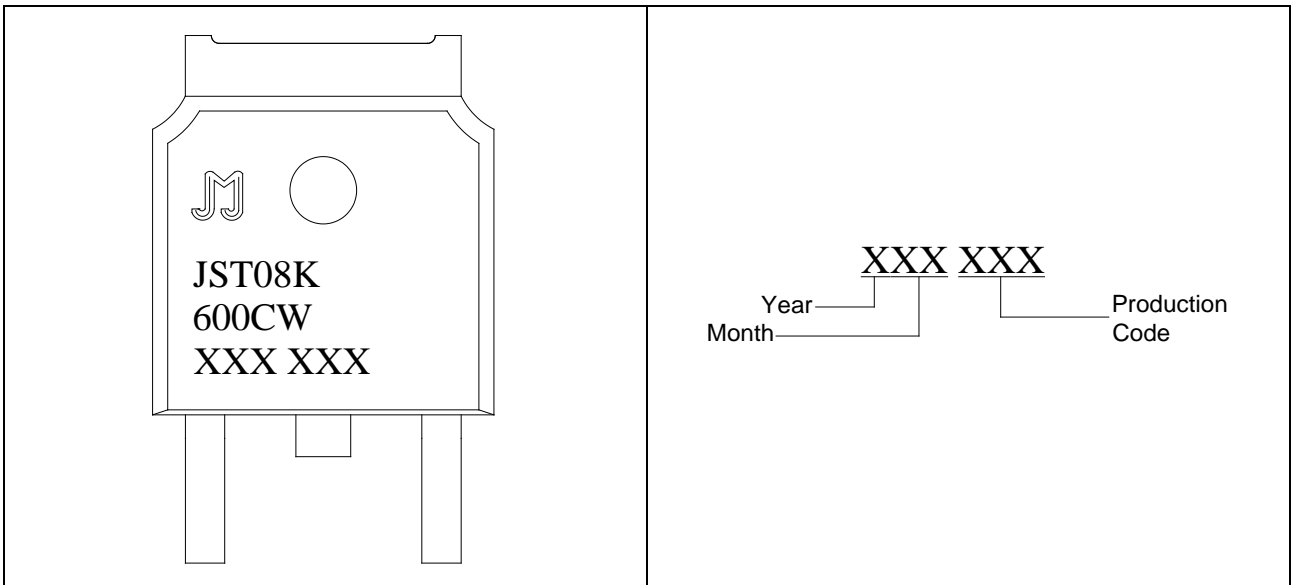
Parameter	Symbol	Value	Unit
Storage junction temperature range	$T_{stg}$	-40-150	
Operating junction temperature range	$T_j$	-40-125	
Repetitive peak off-state voltage ( $T_j=25^\circ\text{C}$ )	$V_{DRM}$	600	V
Repetitive peak reverse voltage ( $T_j=25^\circ\text{C}$ )	$V_{RRM}$	600	V
RMS on-state current ( $T_c=91^\circ\text{C}$ )	$I_{T(RMS)}$	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



MARKING



<</A>BDCFT01Maximum Power Dissipation 56.3 W (at 58.852 q.466.0171) TJ 0 Tc 0.2500 Tc -0.007 Tw 0.614 0 Td [(M)3

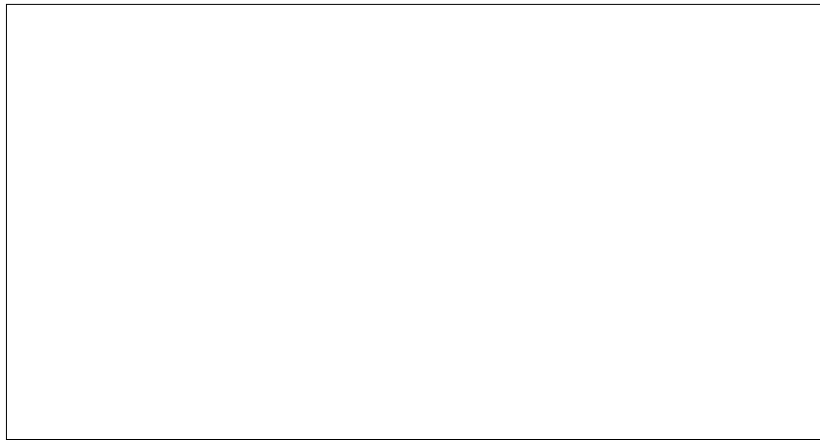




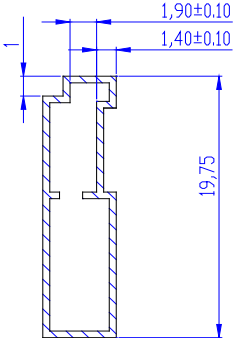
JST08K-600CW

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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