



## JST134Q-800T 4A TRIAC

Rev.A.1.0

### DESCRIPTION:

The JST134Q-800T 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. From T2 terminals to external heatsink. Package TO-126 is RoHS compliant.

### MAIN FEATURES

### ABSOLUTE MAXIMUM RATINGS

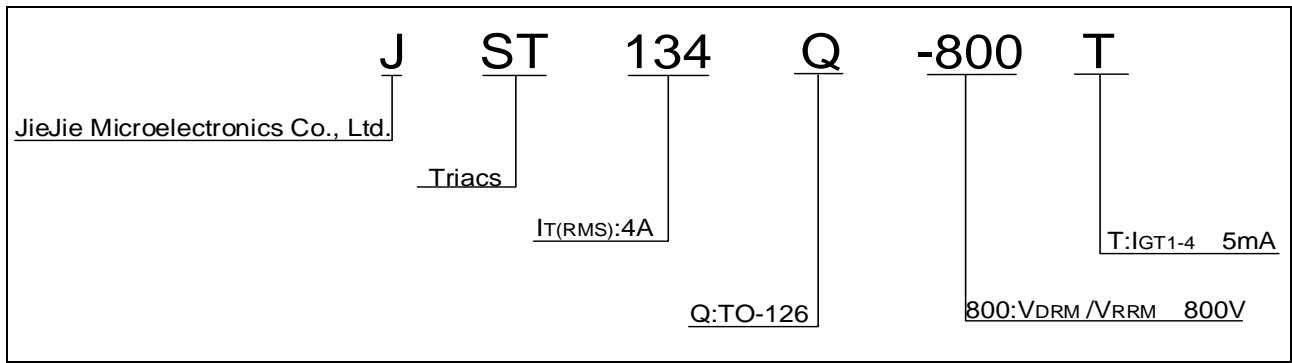
Parameter	Symbol	Value	Unit
Storage junction temperature range	$T_{stg}$	-40-150	
Operating junction temperature range	$T_j$	-40-125	
Repetitive peak off-state voltage ( $T_j=25^\circ\text{C}$ )	$V_{DRM}$	800	V
Repetitive peak reverse voltage ( $T_j=25^\circ\text{C}$ )	$V_{RRM}$	800	V

RMS on-state curv86.24 326.88 0.48 22.8 5>BDC.94 326.88 0.4 Tc 0.005 Tw 12 0 0 12 62.64 310.8

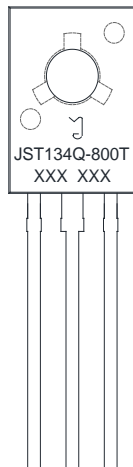
**ELECTRICAL CHARACTERISTICS** ( $T_j=25$  unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
$I_{GT}$	$V_D=12V R_L=33$	ALL	MAX.	5	mA
$V_{GT}$		ALL	MAX.	1	V
$V_{GD}$	$V_D=V_{DRM} T_j=125$ $R_L=3.3k$	ALL	MIN.	0.2	V
$I_L$	$I_G=1.2I_{GT}$	- -	MAX.	9	mA
				13	
$I_H$	00mA		MAX.	5	mA

## ORDERING INFORMATION



## MARKING









PACKAGE MECHANICAL DATA

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**JST134Q-800T**

**JieJie M**