



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

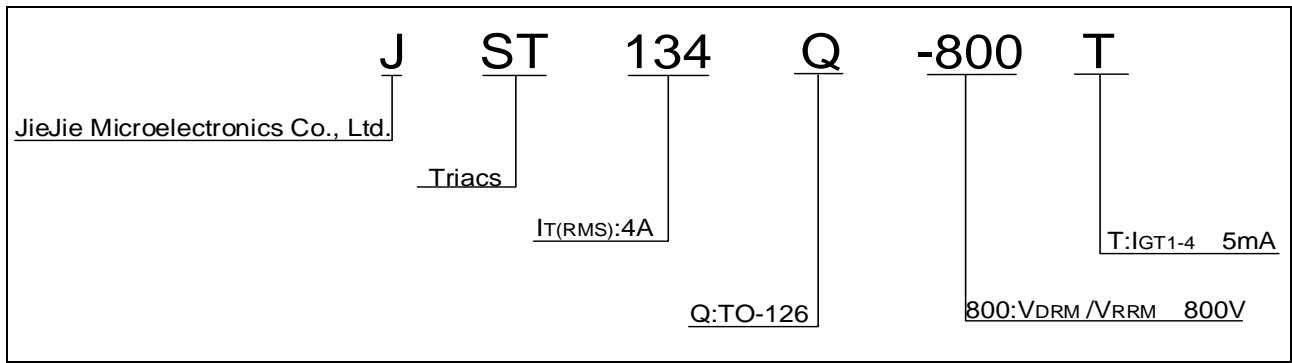
Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-125	
Repetitive peak off-state voltage ($T_j=25$)	V_{DRM}	800	V
Repetitive peak reverse voltage ($T_j=25$)	V_{RRM}	800	V

RMS on-

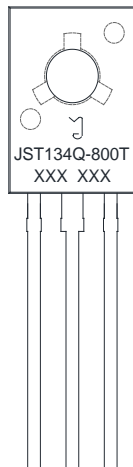
ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

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

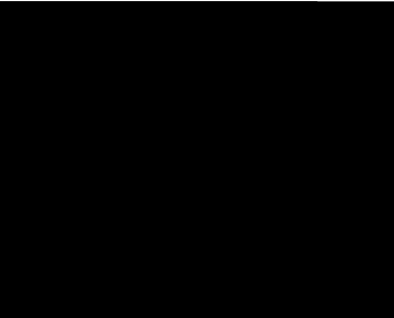
ORDERING INFORMATION



MARKING



PACKAGE MECHANICAL DATA



JST134Q-800T

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