



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

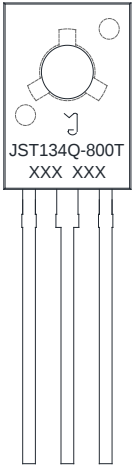
ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I _{GT}	V _D =12V R _L =33Ω	ALL	MAX.	5	mA
V _{GT}		ALL	MAX.	1	V
V _{GD}	V _D =V _{DRM} T _j =125 R _L =3.3kΩ	ALL	MIN.	0.2	V
I _L	I _G =1.2I _{GT}	- -	MAX.	9	mA
				13	
I _H	1.00mA		MAX.	5	mA

ORDERING INFORMATION

J	ST	134	Q	-800	T
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:4A$	Q:TO-126	800: V_{DRM}/V_{RRM}	T:IGT1-4 5mA
				800V	

MARKING



PACKAGE MECHANICAL DATA

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JST134Q-800T

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