



## JST134Q-800D 4A TRIAC

Rev.A.1.0

### DESCRIPTION:

The JST134Q-800D 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

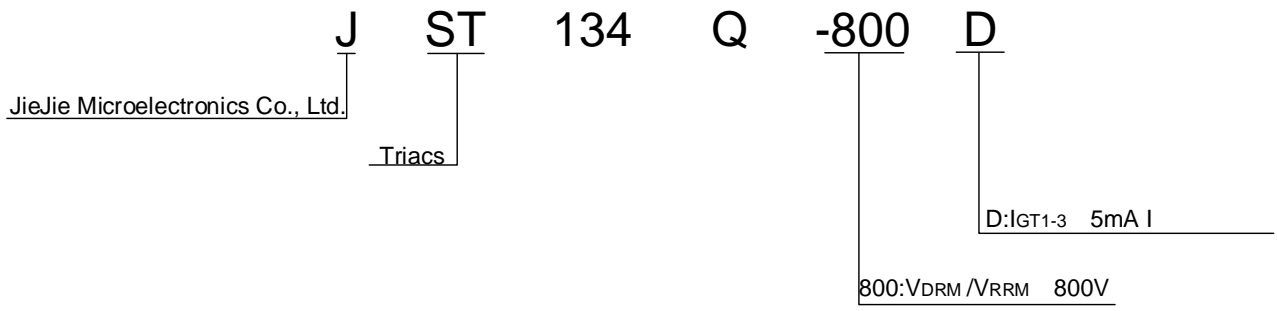
Parameter	Symbol	Value	Unit
Storage junction temperature range	$T_{stg}$	-40-150	
Operating junction temperature range	$T_j$	-40-125	

Repetitive peak off-state voltage ( $T_{ij}T_{jj}$ )

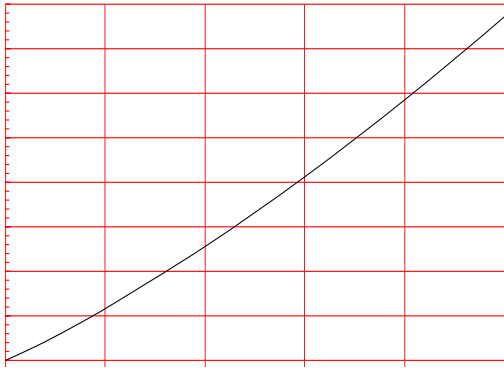
ELECTRICAL CHARACTERISTICS (T<sub>j</sub>=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I <sub>SD</sub>	V <sub>D</sub> =12V R <sub>L</sub> =33	- -	5 10	mA

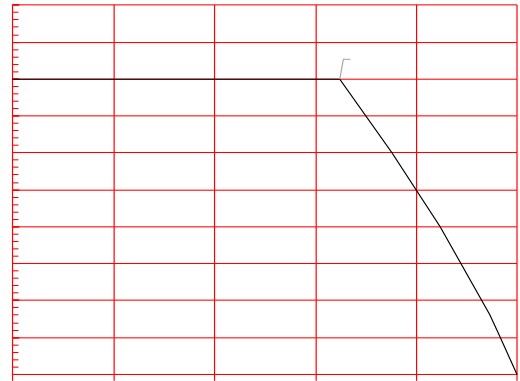
ORDERING INFORMATION



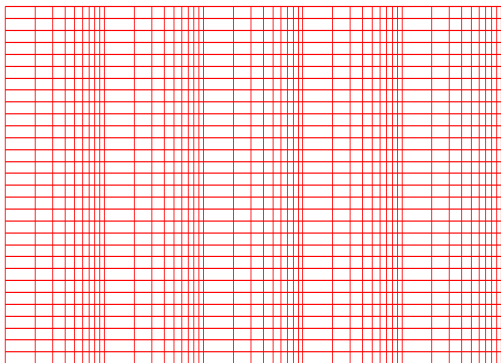
**FIG.1:** Maximum power dissipation versus RMS on-state current



**FIG.2:** RMS on-state current versus case temperature



**FIG.3:** Surge peak on-state current versus number of cycles



**FIG.4:** On-state characteristics

**JST134Q-800D**

**JieJie Microelectronics Co., Ltd.**

**ORDERING INFORMATION**

Order code	Voltage $V_{DRM}/V_{RRM}$ (V)	IGT(mA)		Package	Base qty. (pcs)	Delivery mode
		-	-			
JST134Q-800D	800	5	10	TO-126	500	Bulk Pack

**Document Revision History**

Date	Revision	Changes
Apr.14, 2023	A.1.0	Last updated

PACKAGE MECHANICAL DATA

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