JST134QP-600E 4A TRIAC

Rev.A.1.0

DESCRIPTION:

The JST134QP-600E 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 SOT-82 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}		

ELECTR[redacted]L CHARACT[redacted]STICS (T_j=25 [redacted]s otherwise specified)

Symb[redacted]	Test Co[redacted]on	Quadr[redacted]	Value		Unit
I_{GT}	V_D=12V R[redacted]Ω	- -	MAX.	10	mA
				25	
V_G[redacted]		ALL	MAX.	1	V

JST134QP-600E **JieJie M**

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

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

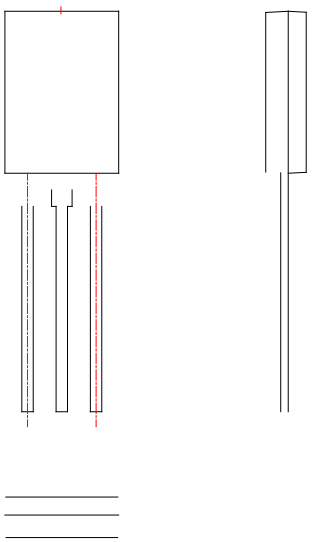
ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)		Package	Base qty. (pcs)	Delivery mode
		- -				
JST134QP-600E	600	10	25	SOT-82	500	Bulk Pack

Document Revision History

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

PACKAGE MECHANICAL DATA



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