



JST134W-800E 1A TRIAC

Rev.A.1.1

DESCRIPTION:

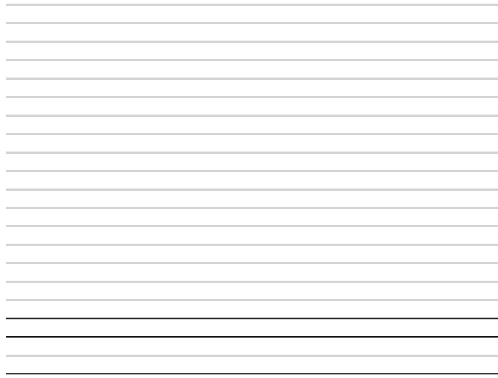
The JST134W-800E triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction 800

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

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V$ $R_L=33$	- -	MAX.	10	mA
				25	
V_{GT}		ALL	MAX.	1.3	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.	15	mA
				25	
I_H	$I_T=100mA$		MAX.	20	mA
dV/dt	$V_D=540V$ Gate Open $T_j=110$		MIN.	250	V/ μs
$(dV/dt)_c$	$(dI/dt)_c=1.8A/ms$, $T_j=110$		MIN.	6	V/ μs

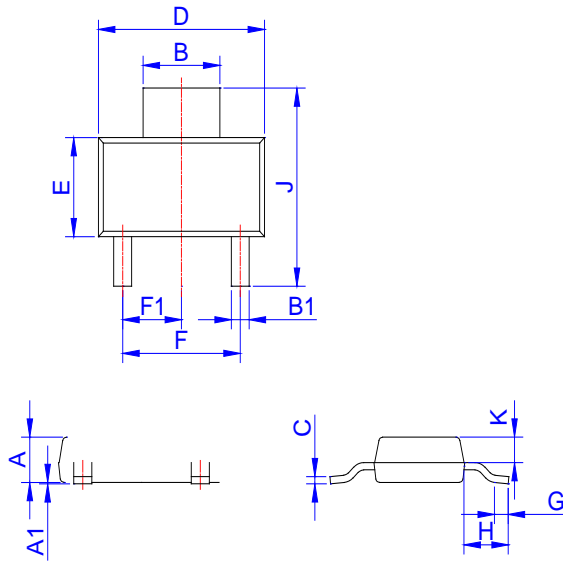
t_{on} $I_G=40mA$ $I_A=200mA$ $I_R=20mA$

FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature



JST134W-800E

PACKAGE MECHANICAL DATA



DELIVERY MODE

Ref.	Dimensions Millimeters
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