



JST04A-600TW 4A TRIAC

Rev.A.1.1

DESIGN

1. The device is a 4A TRIAC, which is used for AC power control.

2. The device is a 4A TRIAC, which is used for AC power control.

3. The device is a 4A TRIAC, which is used for AC power control.

4. The device is a 4A TRIAC, which is used for AC power control.

5. The device is a 4A TRIAC, which is used for AC power control.

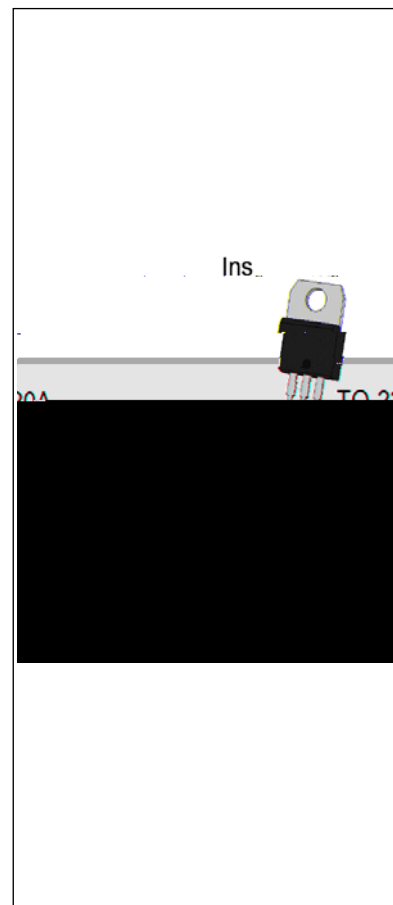
6. The device is a 4A TRIAC, which is used for AC power control.

7. The device is a 4A TRIAC, which is used for AC power control.

8. The device is a 4A TRIAC, which is used for AC power control.

9. The device is a 4A TRIAC, which is used for AC power control.

10. The device is a 4A TRIAC, which is used for AC power control.



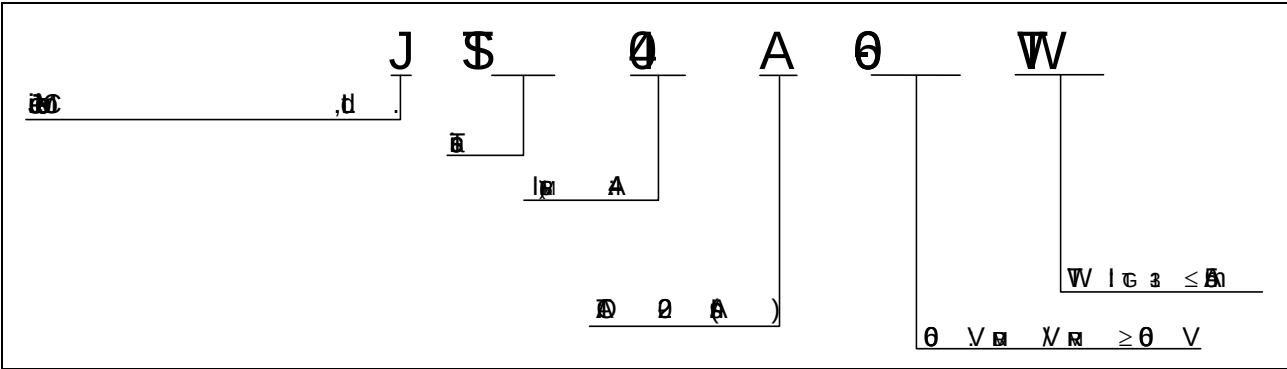
MEASUREMENTS

Symbol	Value	Unit
I_T	4	A
V_{GT} / V_{GT}	60	V
I_{GT} / I_{GT}	5	A

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage Temperature	T_S	-40 ~ 150	°C
Junction Temperature	T_J	-40 ~ 150	°C
Gate-Trigger Voltage (Pulsed)	V_{GT}	60	V
Gate-Trigger Voltage (DC)	V_{GT}	60	V
Gate-Trigger Current ($C \leq 0.1 \mu F$)	I_{GT}	4	A
Gate-Trigger Current (Pulsed) ($t_{on} \leq 10 \mu s$)	I_{GT}	8	A
Gate-Trigger Current (Pulsed) ($t_{on} \leq 10 \mu s$)		4	
Gate-Trigger Energy ($C \leq 0.1 \mu F$, $t_{on} \leq 10 \mu s$)	$I^2 t$	8	A ² s
Gate-Trigger Time ($C \leq 0.1 \mu F$, $t_{on} \leq 10 \mu s$)	t	8	A s

BEZEL



MS

X

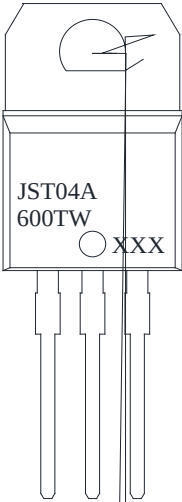


FIG.1: 
Pin 1

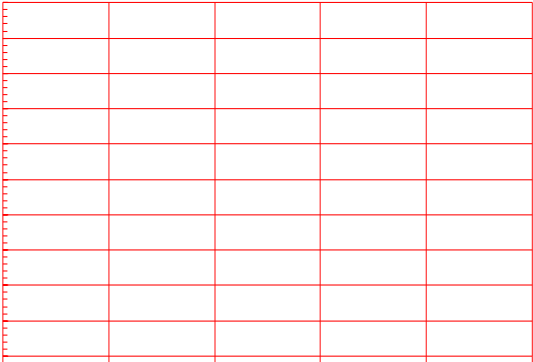


FIG.2: 
Pin 2

6 6000E -0 5d



JST04A-000T		Voltage DRM/V (V)	5	TO-220A(Ins)	50	Base qty.	mode
		600					Tube

12

A 11

R6

10

PCB RECOMMENDATION AC2FC3CEL3L1

