JST08K-1200SW 8A TRIAC

Rev.A.1.1

DESCRIPTION:

Peak gate voltage (Tj = ; on-state current 5 - FIG. 8)	V_{FM}	1.5	V

ELECTRICAL CHARACTERISTICS (Tj= 2 5

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D = 1 R_L = 3	- -	MAX.	10	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D = V_{DRM} Tj = 1 R_L = 3k 3	- -	MIN.	0. 2	V
I_L	I_G = 1. I_{GT} 2	-	MAX.	2	5 mA
				3 0	
			MAX.	15	mA
dv/dt	V_D = 800V Gate O n Tj = 1		2 MIN.	5/ 100	V/ s
(di/dt)c	(dv/dt)c 10V/ s, Tj = 1 2		MIN 5	/ / 3	A
t_{gt}	I_G = mA I_A = 20mA I_R = 20mA 2		TYP. 0	.5 2	s
t_{gt}	Tj = 2 5			2	5

STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	I_{TM} = 11A t_p = 3 s	Tj = 2	5 1.5	V
V_{TO}	Gate	Tj = 1 2	5 0. 2	V
R_D	Dyna	Tj = 1 2	5 45	m
I_{DRM}	V_D = V_{DRM} V_R = V_{RRM}	Tj = 2	5	

JST08K-1200SW **Jie**

FIG.1:

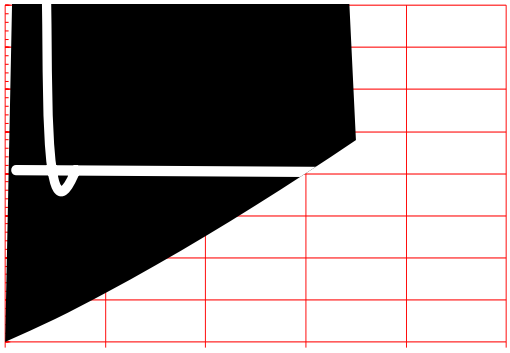
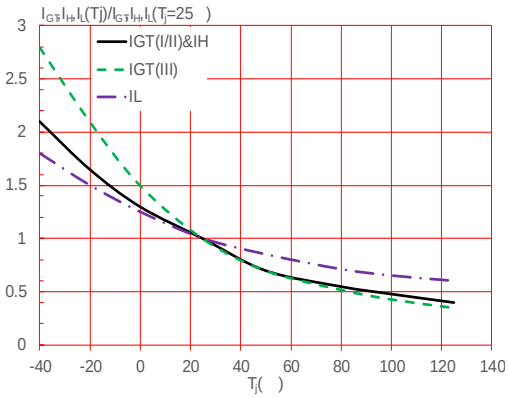


FIG.2:

FIG.7: [illegible]



PACKAGE MECHANICAL DATA

Dim
R M 0.0 I 2 1
M M M M
A 2 .10 20 .50
0.0 2
A 02 0.15
B 0.66 0.8 0.0 2 2 1M60
5.90 6. 3 0 C 0.40
6.40 D
E
2 .18 020 . 3 8 1M094
G
G1
L 2 2 0.05 T 15.10 2 3 0.365 1M (0)-5 (.)-1.8 (2
L

1. 0.04 2 0.04 2 1M 2 1M T -19.5 3 6 -1.661 (1)-5 (.)-1.8 (3)-0.6 (5) T 7.911 0 (1)-5 (.)-1.8 (6)