



JST08K-1200SW 8A TRIAC

Rev.A.1.1

DESCRIPTION:

8 8 K-1 W 2 00S

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 (T _j = 25℃; R _{θJA} = 500℃/W; FIG. 8)	V _p	1.5	V
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ELECTRICAL CHARACTERISTICS (T_j = 25℃)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D = 10V$ $R_L = 3k\Omega$	$- - -$	MAX.	10	A
V_{GT}		$- - -$	MAX.	1	V
V_{GD}	$V_D = V_{GS}$ $T_j = 100^\circ C$ $R_L = 3k\Omega$	$- - -$	MIN.	0.2	V
L	$I_G = 1A$ $I_{GT} = 2A$	$-$	MAX.	2	μH
				30	
I_r	$I_r = 100\mu A$		MAX.	15	μA
g_{fs}	$V_D = 300V$ $G_{fs} = 10V/\mu s$ $T_j = 100^\circ C$		2 MIN.	5/100	V/ ϵs
$(dI/dV)_{DS}$	$(dI/dV)_{DS} = 10V/\mu s$ $T_j = 100^\circ C$		MIN. 5	/3	A
t_o	$I_G = 1A$ $I_A = 20A$ $I_R = 20\mu A$		TYP. 0	.5	ϵs
t_b	$T_j = 100^\circ C$			2	

STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)		Unit
V _{DS}	I _D = 11A, t _p = 300μs	T _j = 100℃	5	1.5	V
V _{DS}		T _j = 100℃	5	0.8	V
R _{DS(on)}		T _j = 100℃	5	45	mΩ
b _{DS}	V _D = V _{DS} , V _R = V _{DS}	T _j = 100℃	5		

FIG.1: 
0 00

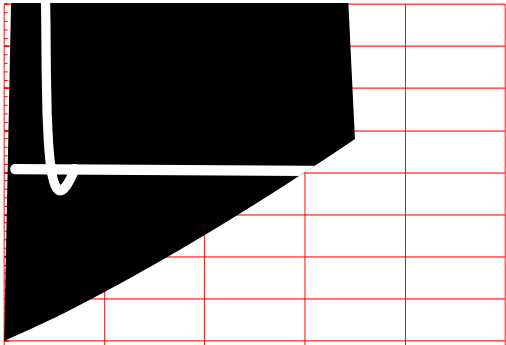
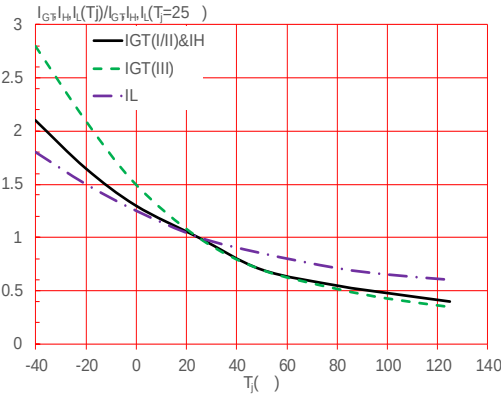


FIG.2:  -000
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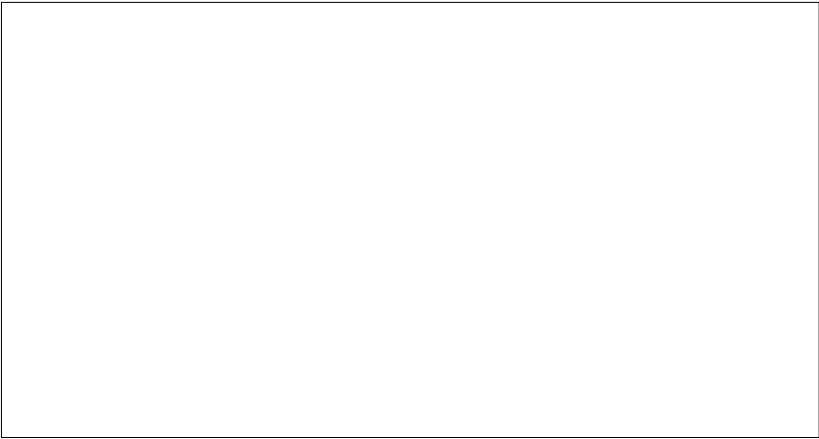
FIG.7: 





PACKAGE MECHANICAL DATA

D	M		D		L	
	M	μ	M	M	μ	M
A		2	.10	2	.50	
A	02		0.15			
B	0.66		0.90.08E0066		2	
C	0.40					
0.90.08E00-5 (.)J5 (.)4-0 3 1 - 3 .467 7 (G)T E (-)1.8 (90.08E006)T 0 2 -5 (.)49.						
E						
G						
G1						
L						



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