



JST136V-800E 1A TRIAC

Rev.A.1.1

DESCRIPTION:

136V-800E 1A TRIAC
 I_{TSM}
 I_{TSM}
 I_{TSM}
 I_{TSM}
 I_{TSM}
 I_{TSM}

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
T_S	T_S	-40	°C
T_J	T_J	-40	°C
V_{SM} (T)	V_{SM}	80	V
I_{TSM} (T)	I_{TSM}	1.0	A

ELECTRICAL CHARACTERISTICS

Symbol	Test Condition	Quadrant	Value	Unit
I_G	$V_D = 0$ $I_G = 2$	-	0	A
		-	0	
V_G		A	13	V
V_G	$V_D = 0$ $R_L = 1k$ $T_j = 25$	AL	0	V
I_L	$I_G = 2$	-	0	A
		-	0	
I_H	$I_T = 0$		5	A
dV/dt	$V_D = 0$ $T_j = 0$		0	V/ μ s
$(dV/dt)_{min}$	$(dV/dt)_{min} = 0$		6	V/ μ s
t_o	$I_G = 4$ $I_A = 2$ $I_R = 2$		5	μ s
t_b	$T_j = 25$	TP	5	

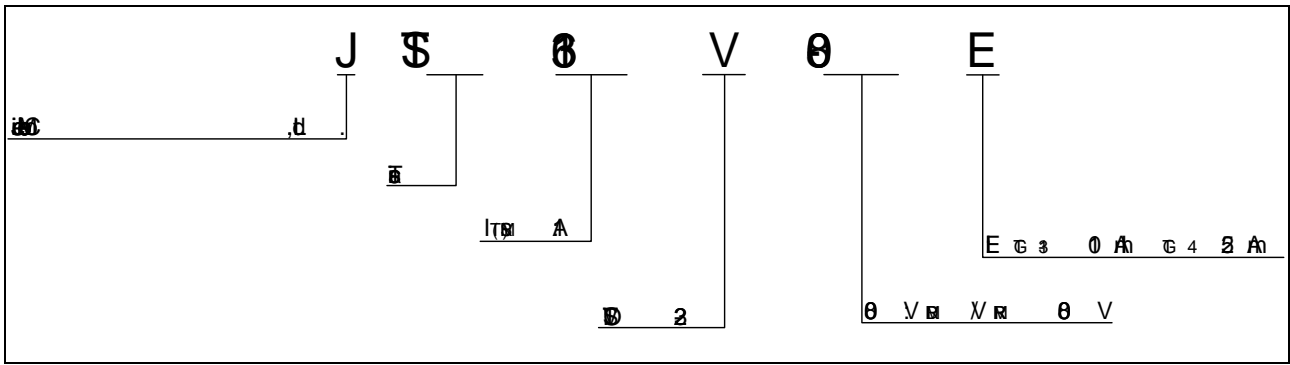
STATIC CHARACTERISTICS

Symbol	Parameter	Value(MAX.)	Unit	
V_M	$I_M = 5$ $T_j = 25$	7	V	
V_D	$T_j = 25$	0	V	
R_D	$T_j = 25$	2	m	
I_M	$V_D = 0$ $V_R = 0$	$T_j = 25$	5	μ A
I_M		$T_j = 25$	0	A

THERMAL RESISTANCES

Symbol	Parameter	Value	Unit
$R_{th(j-c)}$	$(j-c)$	5	$^{\circ}$ C/W
$R_{th(j-a)}$	$(j-a)$	0	$^{\circ}$ C/W

ORDERING INFORMATION



MARKING

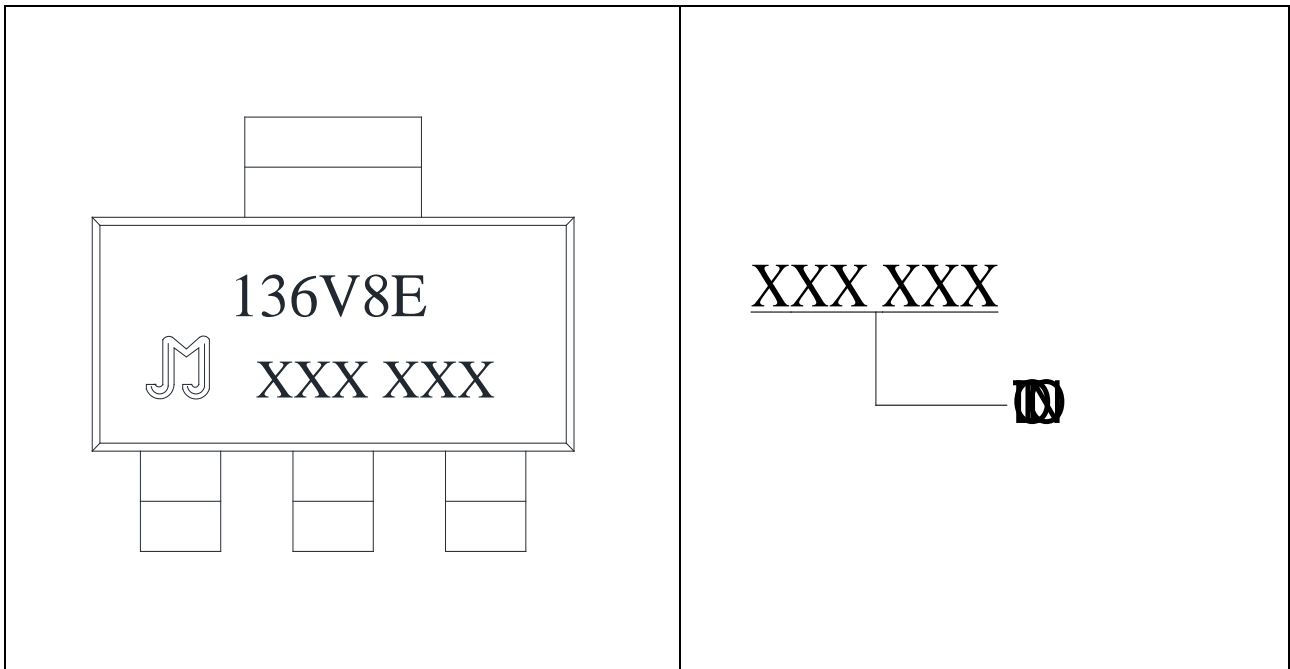



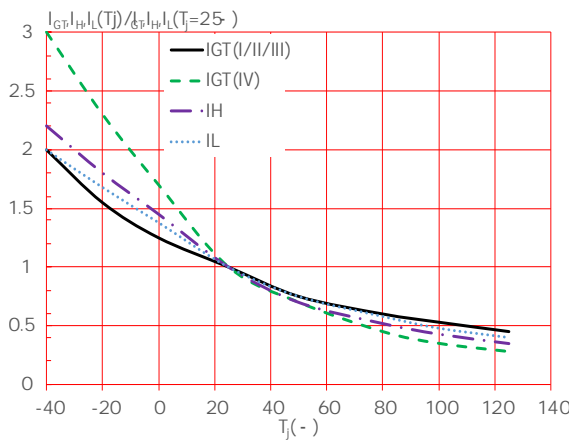
FIG.1: ~~Pin~~
0 6 6

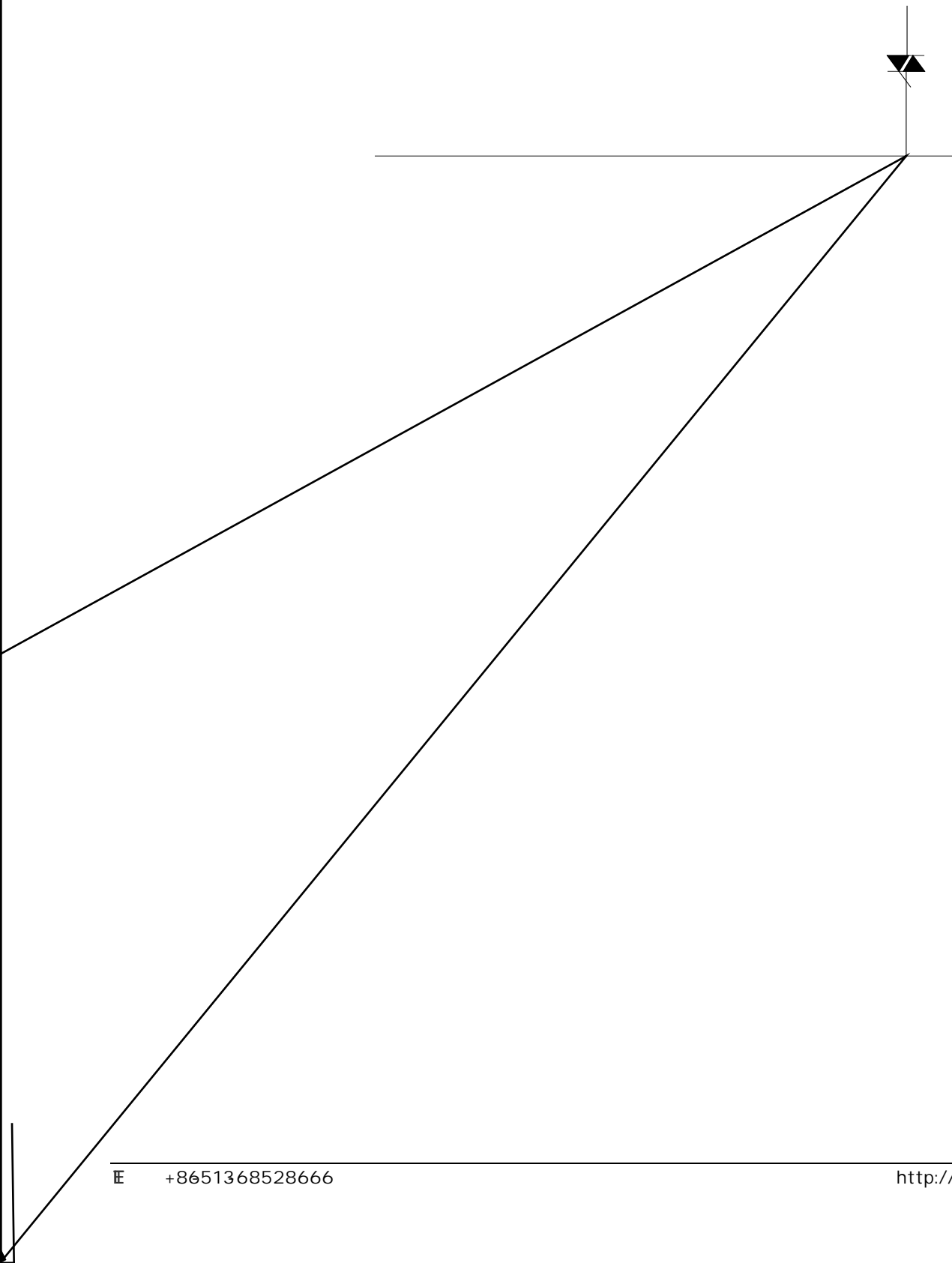
FIG.2: ~~Pin~~ -~~Pin~~
Pin

FIG.7: 

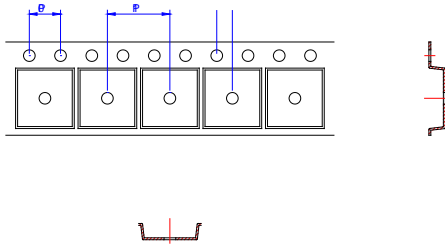








DELIVERY MODE



B	B					
	M			b		
	M	\bar{P}	M	M	\bar{P}	M
W	-		0	-		0
E	0	3 0		0 0 0		
F	0	0 5		0 0 0		
D		5 0			0 0	
D		-	-			
0	0	0 0		0	0 0	
P	0	0 0		0	0 0	
P	0	0 0		0	0 0	
0	0	0 0		0	0 0	
A	0	0 0		0	0 0	
B	0	0 0		0	0 0	
0	0	0 0		0	0 0	
T	0	0 0		0	0 0	

