JST136V-600E 1A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST136V-600E triac i F 4 (ui)-0.tablfor ge8n(e)raTpj oEM4C(e/)JPT1s<0/MC.IDD8 >w>13B3DC0 /TdT1( )1TjfE1M1C0 /4P0<

Parameter	Symbol	Vaue	Unit
Storage jtitemperature range	T_{stg}	-40-150	
Operati jnc 4 (t)2 (i)-0.on temperature range	T_j	-40-125	

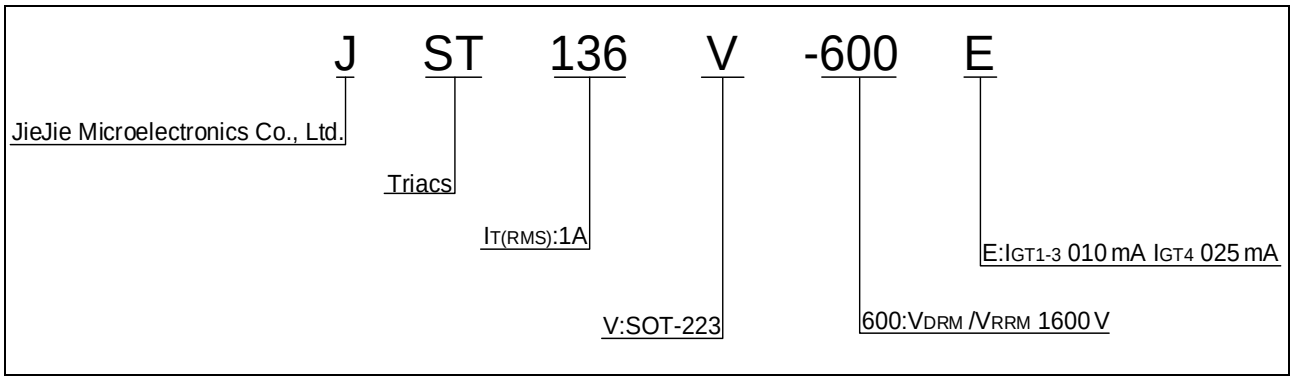
IARACTERISTICS (T_j=25 unless otherwise specified)

Condition	Quadrant	Value		Unit
R_L=33	- -	MAX.	10	mA
			25	
	ALL	MAX.	1.3	V
M T_j=125	ALL	MIN.	0.2	V
T	-	MAX.	20	mA
	-		30	
nA		MAX.	15	mA
V Gate Open T_j=110		MIN.	300	V s
=1.8A/ms, T_j=110		MIN.	6	9 V
A I_A=200mA I_R=20mA		TYP.	1.5	s
			15	

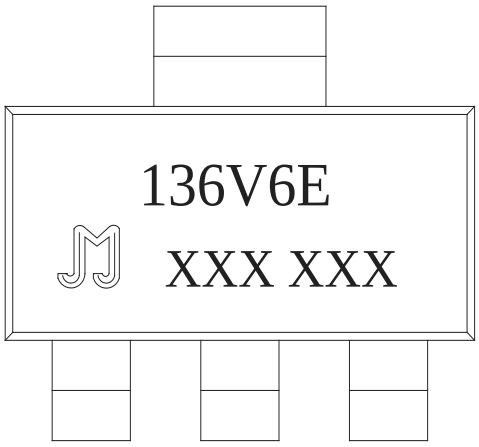
TERISTICS

Parameter	Value(MAX.)	Unit

ORDERING INFORMATION



MARKING



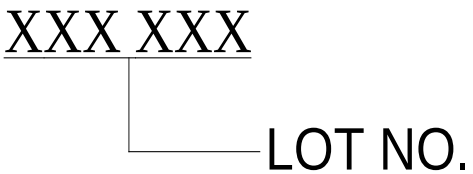


FIG.1: Maximum power dissipation versus RMS on-state current

FIG.2: RMS on-state current versus case temperature

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

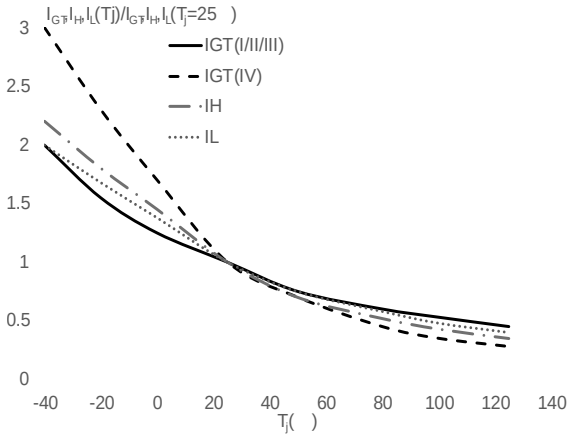
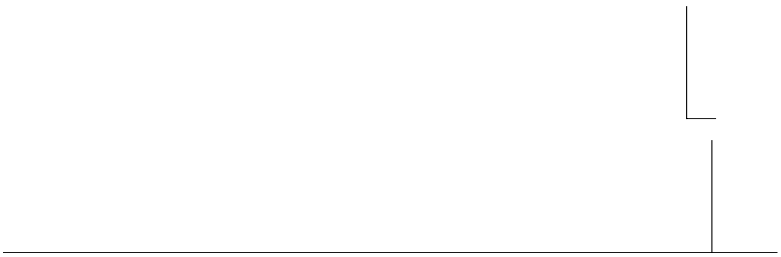
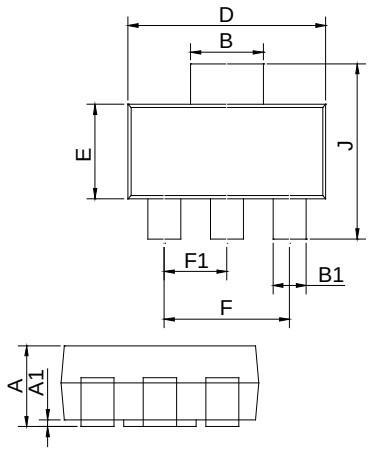


FIG.8 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards



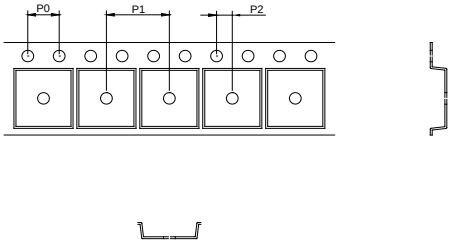
JST136V-600E

PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	1.50	1.60	1.80	0.059	0.063	0.071
A1	0.01	0.06	0.10	0.001	0.002	0.004
B	2.90	3.00	3.10	0.114	0.118	0.122
B1	0.60	0.70	0.80	0.024	0.028	0.031
C	0.22	0.26	0.32	0.009	0.010	0.013
D	6.30	6.50	6.70	0.248	0.256	0.264
E	3.30	3.50	3.70	0.130	0.138	0.146
F	4.40			0.173		
F1	2.20			0.087		
G	0.50		1.00	0.020		0.039
H	1.50	1.75	2.00	0.059	0.069	0.079
J	6.70	7.00	7.30	0.264	0.276	0.287
K	0.80		1.00			0.039

DELIVERY MODE



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
W	-		12.30	-		0.482
E	1.65	1.75	1.85	0.065	0.069	0.073
F	5.45	5.50	5.55	0.215	0.217	0.219
D0		1.55	1.60		0.061	0.063
D1		-	-			
P0	3.90	4.00	4.10	0.154	0.157	0.161
P1	7.90	8.00	8.10	0.311	0.315	0.319
P2	1.95	2.00	2.05	0.077	0.079	0.081
10P0	39.80	40.00	40.20	1.567	1.575	1.583
A0	6.85	6.95	7.05	0.269	0.273	0.276
B0	7.15	7.25	7.35	0.280	0.284	0.288
K0	1.95	2.05	2.15	0.076	0.080	0.084
T	0.20	0.25	0.30	0.008	0.010	0.012