



**JST04K-600SW 4A TRIAC**

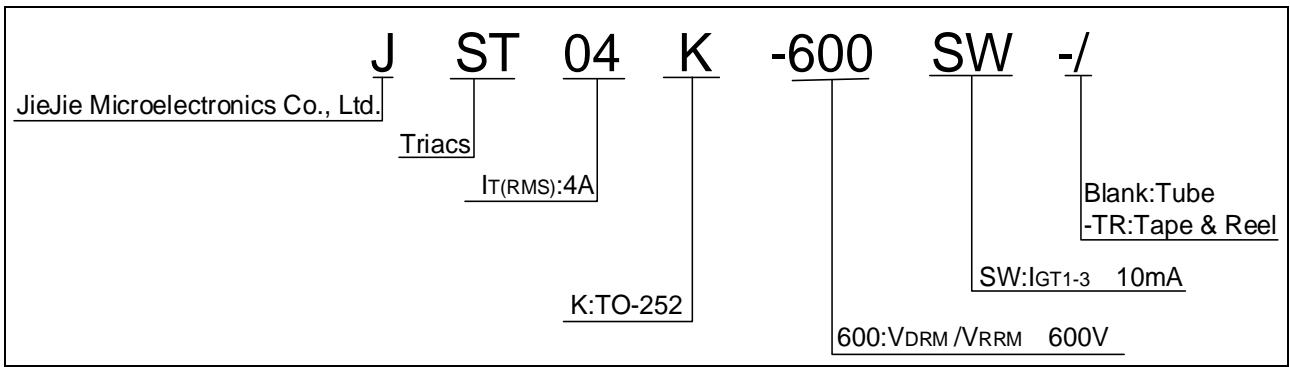
**6**

Peak pulse voltage ( $T_j=25$ ; non-repetitive, off-state; FIG.8)	$V_{pp}$	3	kV
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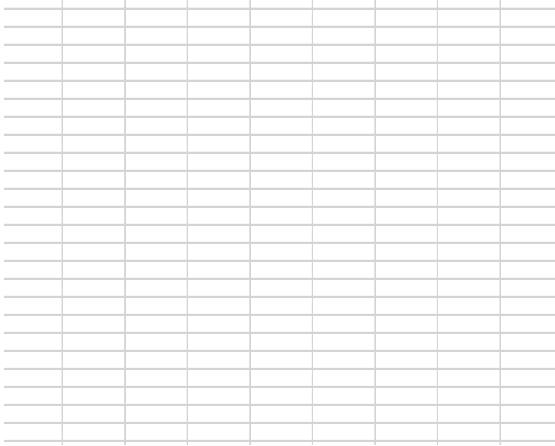
**ELECTRICAL CHARACTERISTICS** ( $T_j=25$  unless otherwise specified)

**Symbol**    **Test Condition**    **Qualification**    **Q1**    **Q2**    **Q3**    **Q4**    **Q5**    **Q6**    **Q7**    **Q8**    **Q9**    **Q10**    **Q11**    **Q12**    **Q13**    **Q14**    **Q15**    **Q16**    **Q17**    **Q18**    **Q19**    **Q20**    **Q21**    **Q22**    **Q23**    **Q24**    **Q25**    **Q26**    **Q27**    **Q28**    **Q29**    **Q30**    **Q31**    **Q32**    **Q33**    **Q34**    **Q35**    **Q36**    **Q37**    **Q38**    **Q39**    **Q40**    **Q41**    **Q42**    **Q43**    **Q44**    **Q45**    **Q46**    **Q47**    **Q48**    **Q49**    **Q50**    **Q51**    **Q52**    **Q53**    **Q54**    **Q55**    **Q56**    **Q57**    **Q58**    **Q59**    **Q60**    **Q61**    **Q62**    **Q63**    **Q64**    **Q65**    **Q66**    **Q67**    **Q68**    **Q69**    **Q70**    **Q71**    **Q72**    **Q73**    **Q74**    **Q75**    **Q76**    **Q77**    **Q78**    **Q79**    **Q80**    **Q81**    **Q82**    **Q83**    **Q84**    **Q85**    **Q86**    **Q87**    **Q88**    **Q89**    **Q90**    **Q91**    **Q92**    **Q93**    **Q94**    **Q95**    **Q96**    **Q97**    **Q98**    **Q99**    **Q100**

ORDERING INFORMATION



**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

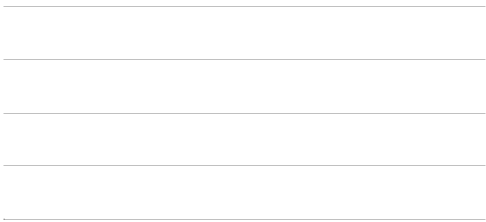
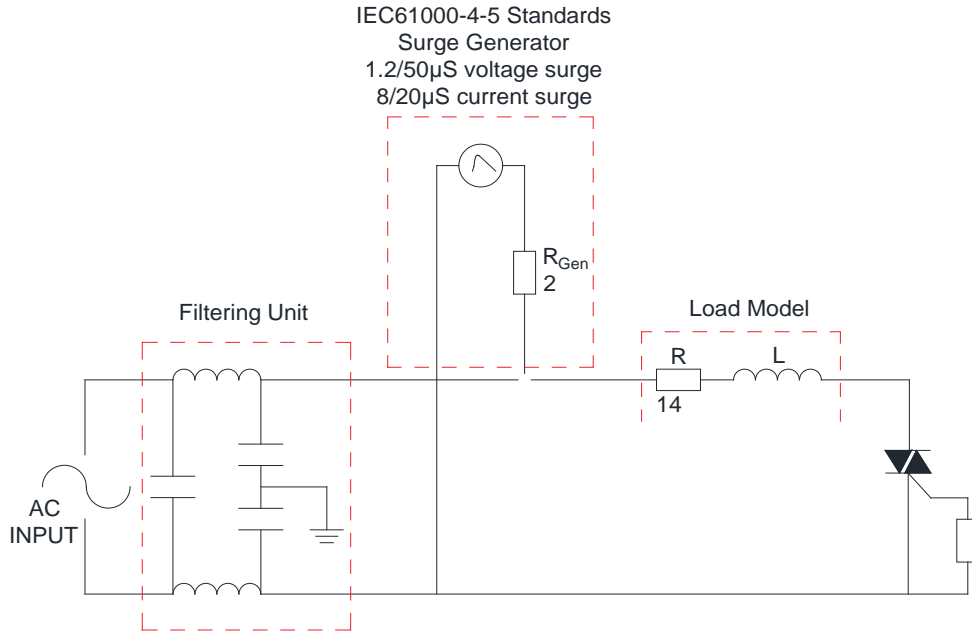


FIG.8 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards Max(T



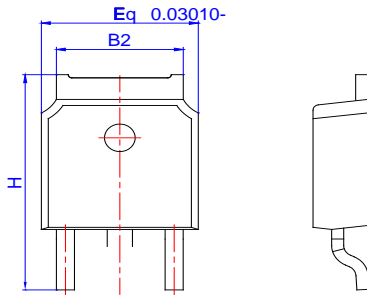
**JST04K-600SW**

 **JieJie Microelectronics Co., Ltd.**

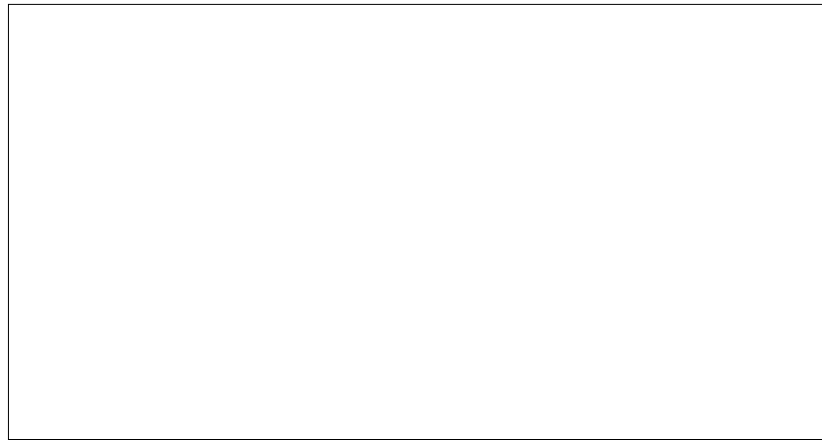
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OREaEm(OR)-ITm(OR)-Mj

PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	2.10		2.50	0.083		0.098
A2	0		0.15	0		0.006
B	0.66		0.86	0.026		0.034
B2	5.18		5.48	0.202		0.216
C	0.40		0.60	0.016		0.024
C2	0.44		0.58	0.017		0.023
D	5.90		6.30	0.232		0.248
D1						
E	6.40		6.80	0.252		0.268
E1	4.63			0.182		
G	4.47		4.67	0.176		0.184
G1	2.18		2.38	0.086		0.094
L	1.09		1.21	0.043		0.048
L2	1.35		1.65	0.053		0.065





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