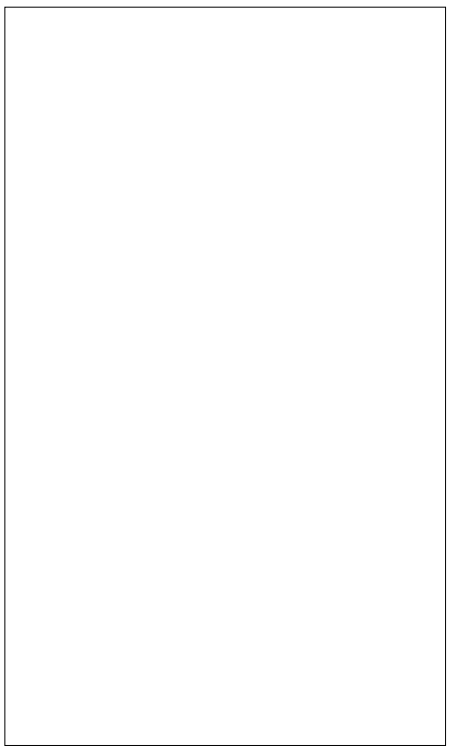
ROELECTRONICS CO., LTD.

Rev.A.1.1

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Symbol	Value	Unit
T_{stg}	-40-150	
T_j	-40-125	
V_{RRM}	800	V

I_R

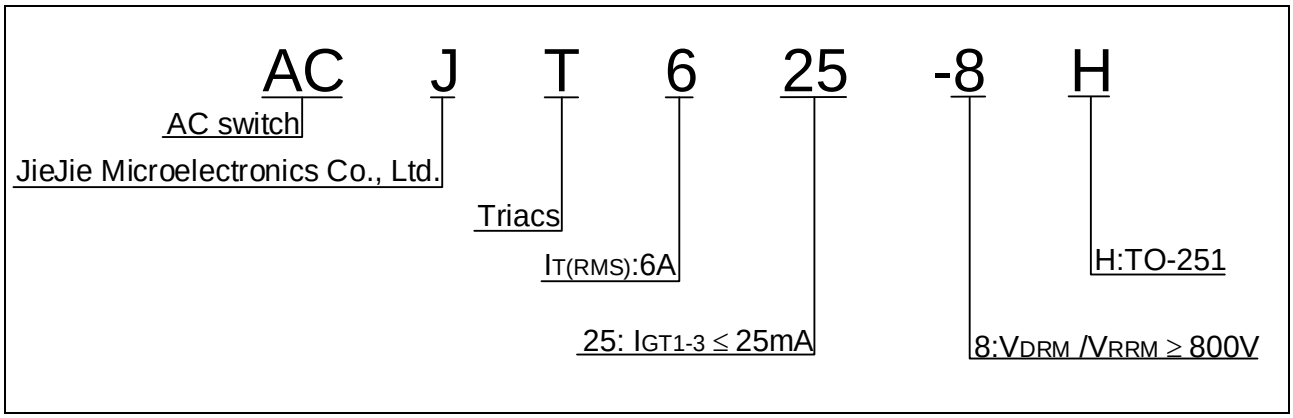
Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.7)	V_{pp}	3.5	kV

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33Ω	- -	MAX.	25	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} T_j =125 R_L =3.3kΩ	- -	MIN.	0.2	V
I_L	I_G =1.2I_{GT}	-	MAX.	40	mA
				60	
I_H	I_T =100mA		MAX.	40	mA
dV/dt	V_D=540V Gate Open T_j =125		MIN.	2500	V/μs
(dI/dt)c	(dV/dt)c=20V/μs, T_j=125		MIN.	8	A

MIN.

ORDERING INFORMATION



MARKING

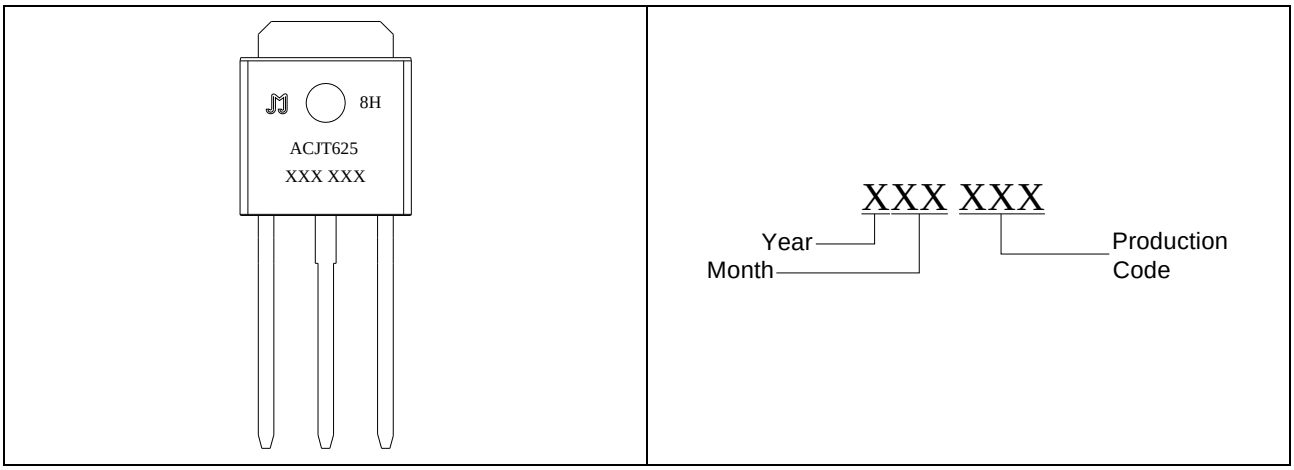
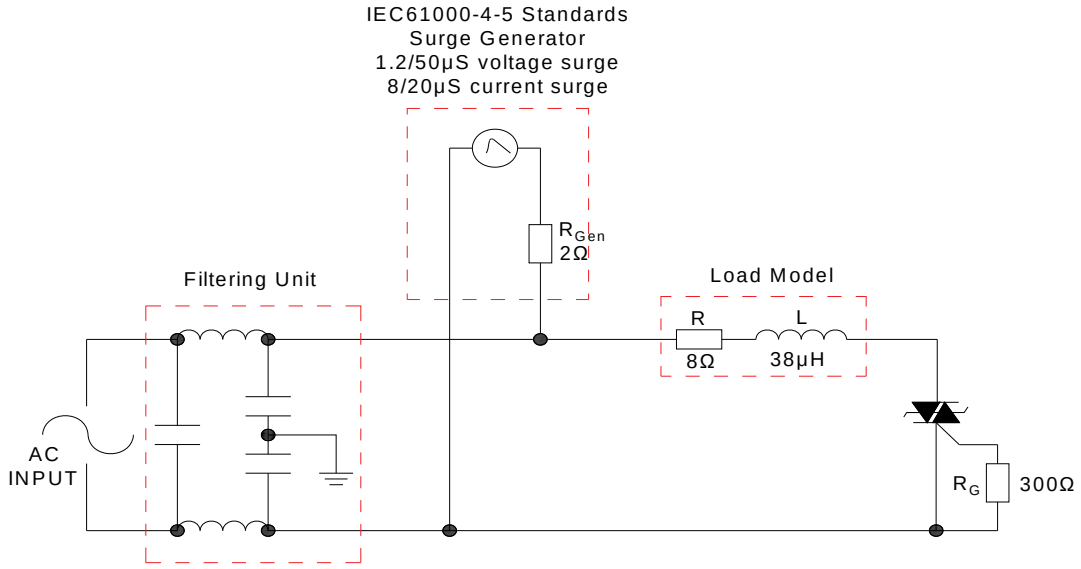


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



LEAD FORMING AND SOLDERING

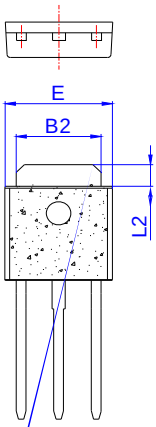
ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT625-8H	800	25	TO-251	80	Tube

Document Revision History

Date	Revision	Changes

PACKAGE MECHANICAL DATA



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