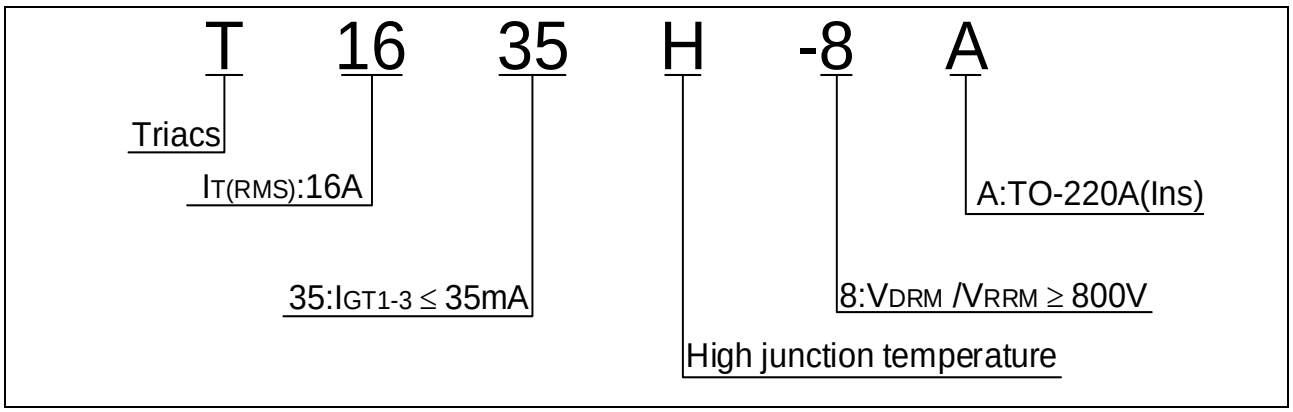
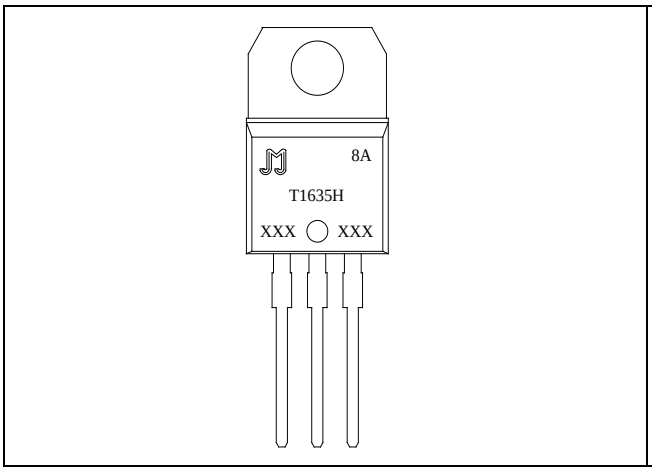
T1635H-8A 16A TRIAC

Rev.A.1.1

The T1635H-8A triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. Compared to traditional triacs, T1635H-8A provides a very high switching capability up to junction temperatures of 150°C. By using an internal ceramic pad, T1635H-8A provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.

Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-150	
Repetitive peak off-state voltage (T_j=25)	V_{DRM}	800	V
Repetitive peak reverse voltage (T_j=25)	V_{RRM}	800	V
RMS on-state current ($T_C \leq$ 108)	$I_{T(RMS)}$	16	A ju


T
16
35
H
-8
A
Triacs
IT(RMS):16A
35:IGT1-3 ≤ 35mA
High junction temperature
8:VDRM /VRRM ≥ 800V
A:TO-220A(Ins)


8A
T1635H
XXX XXX

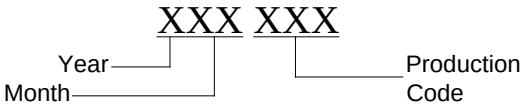
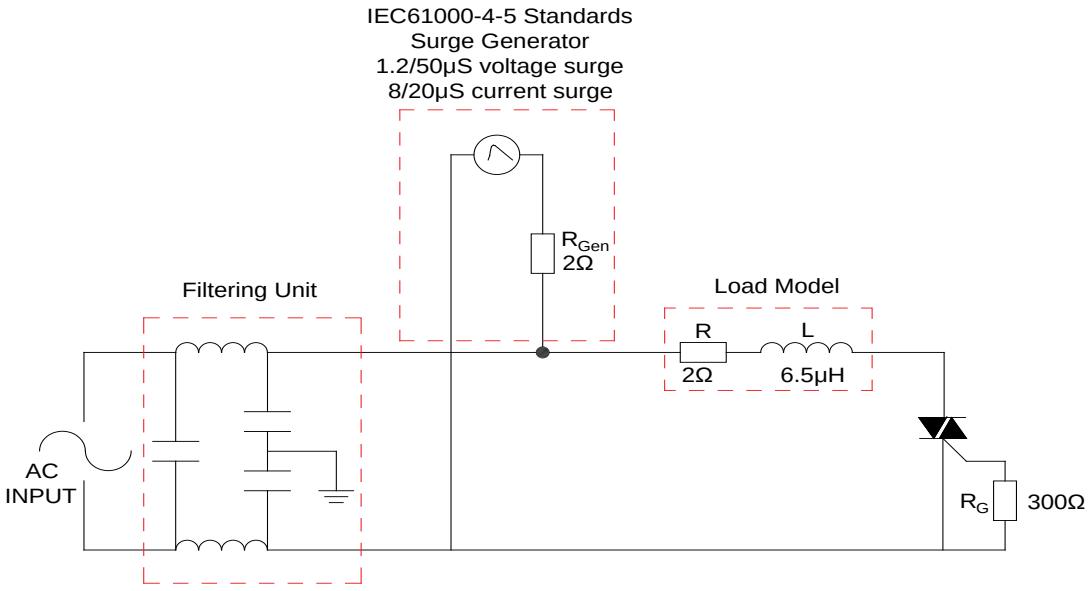

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Year
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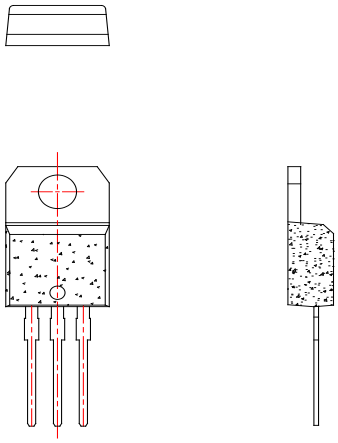
FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T1635H-8A	800	35	TO-220A(Ins)	50	Tube

Document Revision History

Date	Revision	Changes
Apr.10, 2023	A.1.0	Last updated



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