T0835H-8E 8A TRIAC

Rev.A.1.1

DESCRIPTION:

T0835H-8E is a high performance glass passivated TRIAC in a SOT-82 plastic package. It is suitable for high performance AC switching application and phase control application. Typical applications include motor control, industrial and domestic lighting, heating and static switching. T0835H-8E is supplied in SOT-82 package. For other package options, please refer to T0835H-8G.

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

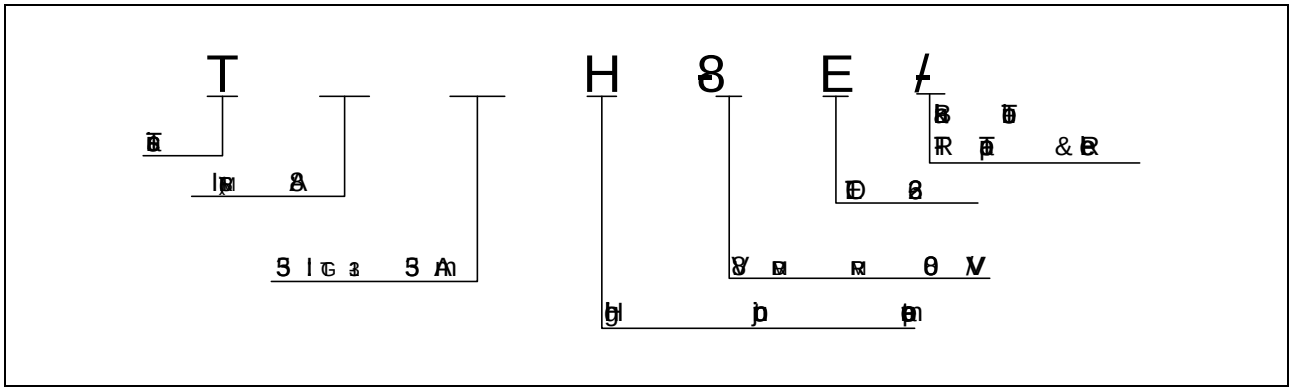
Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40 to 150	
Operating junction temperature range	T_j	-40 to 125	

(Tj=25°C, 10/1000μs 波形, 非重复性浪涌峰值脉冲电流)	V_{PP}	3	kV

ELECTRICAL CHARACTERISTICS (Tj=25°C, 除非另有规定)

Symbol

ORDERING INFORMATION



MARKING

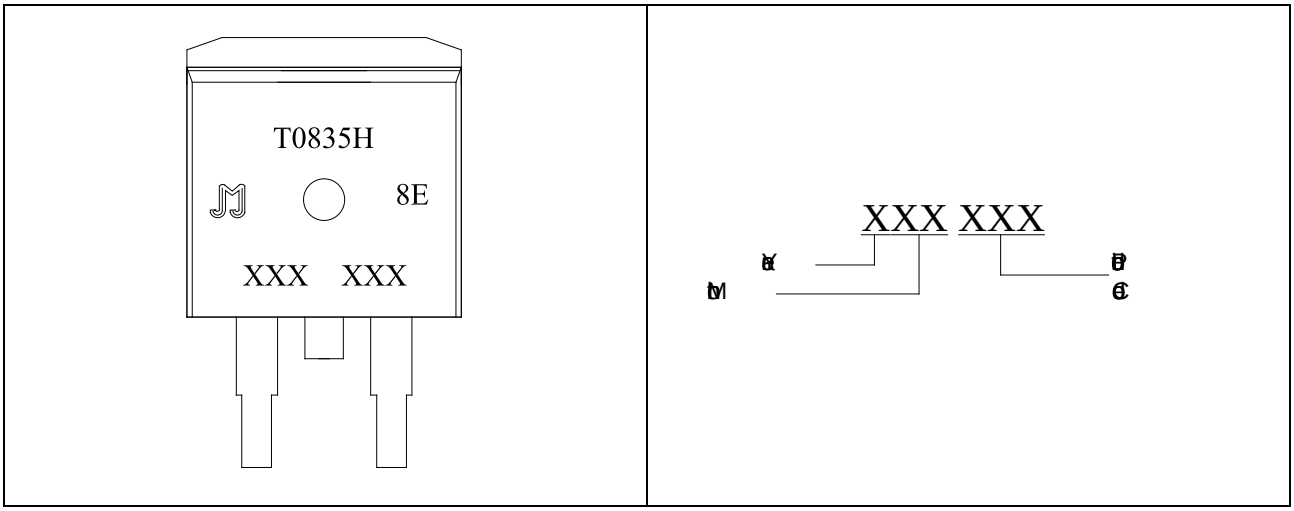


FIG.1: Maximum power dissipation vs. ambient temperature

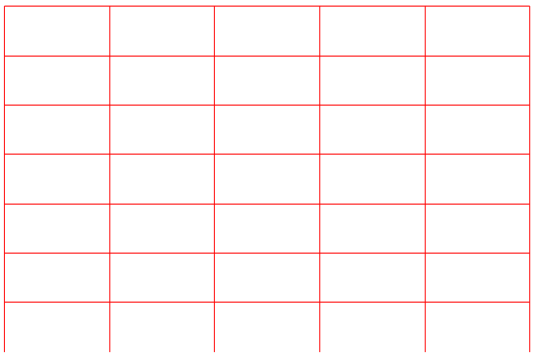
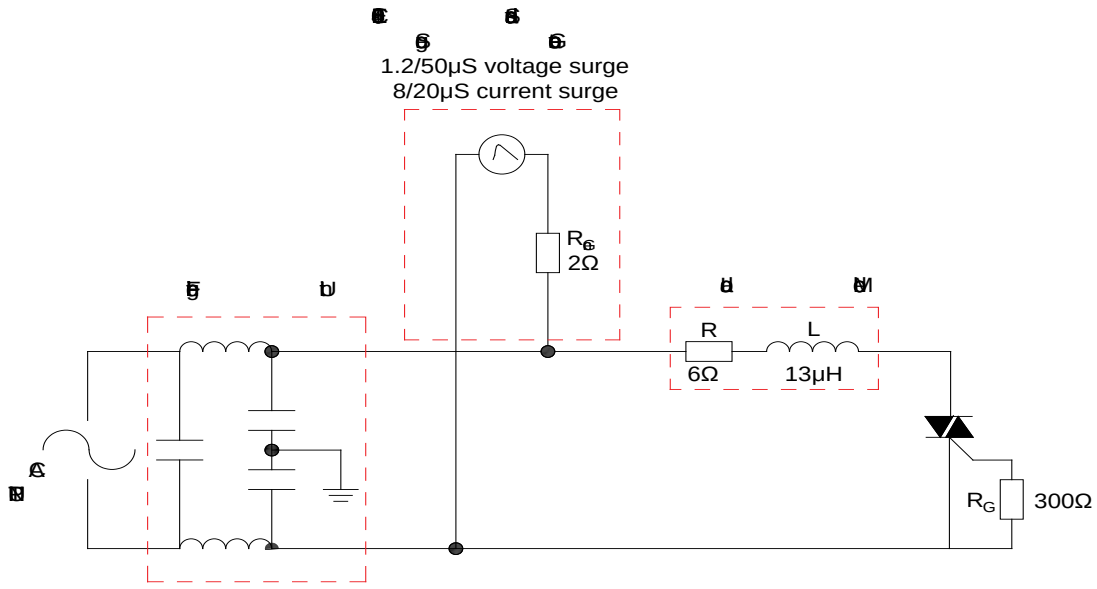


FIG.2: Safe operating area (VCE(RMS))

FIG.7: Reference application circuit of 8 segments and 5 grids


1.2/50μS voltage surge
8/20μS current surge
2Ω
R
6Ω
L
13μH
R_G
300Ω

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T0835H-8E	800	35	TO- - 35H-		

PACKAGE MECHANICAL DATA

A						
B						
C						
D						
E						
F						