



T0835H-6F 8A TRIAC

Rev.A.1.1

The T0835H-6F triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating r

Average gate power dissipation ($T_j=150\text{ }^{\circ}\text{C}$)	$P_{G(AV)}$	1	W
Peak gate power	P_{GM}	10	W
Peak pulse voltage ($T_j=25\text{ }^{\circ}\text{C}$; non-repetitive, off-state; FIG. 7)	V_{pp}	3	kV

($T_j=25\text{ }^{\circ}\text{C}$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12\text{V}$ $R_L=33\Omega$	- -	MAX.	35	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	$V_D=V_{DRM}$ $T_j=150\text{ }^{\circ}\text{C}$ $R_L=3.3\text{k}\Omega$	- -	MIN.	0.2	V V

T	08	35	H	-6	F
Triacs					F:TO-220F(Ins)
IT(RMS):8A					
		35:IGT1-3 ≤ 35mA		6:VDRM /VRRM ≥ 600V	
			High junction temperature		

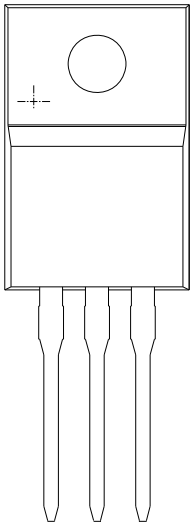


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards





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