



T0850H-8F 8A TRIAC

Rev.A.1.1

DESCRIPTION:

The T0850H-8F 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,

T0850H-8F



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Average gate power dissipation (T _j =150)	P _{G(AV)}	1	W
Peak gate power	P _{GM}	10	W
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)

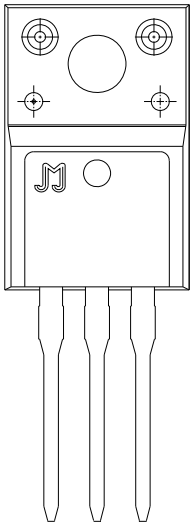
Symbol	Test Condition	Quadrant	Value	Unit
I _{GT}	V _D =12V R _L =33Ω			

V_{GS}=V

ORDERING INFORMATION

<u>T</u>	<u>08</u>	<u>50</u>	<u>H</u>	<u>-8</u>	<u>F</u>
Triacs	$I_T(RMS):8A$				F:TO-220F(Ins)
	$50:I_{GT1-3} \leq 50mA$			$8:V_{DRM} / V_{RRM} \geq 800V$	
			High junction temperature		

MARKING

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



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PACKAGE MECHANICAL DATA



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