



T1650H-8E 16A TRIAC

Rev.

Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.8)	V_{pp}	4	kV
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ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V$ $R_L=33\Omega$	- -	MAX.	50	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	$V_D=V_{DRM}$ $T_j=150$ $R_L=3.3k\Omega$	- -	MIN.	0.2	V

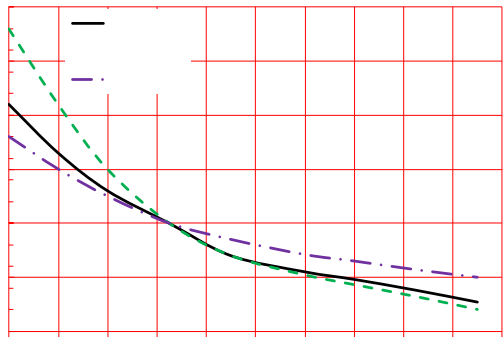
ORDERING INFORMATION

T	16	50	H	-8	E	-/
Triacs						Blank:Tube -TR:Tape & Reel
IT(RMS):16A					E:TO-263	
	50:IGT1-3 ≤ 50mA			8:VDRM /VRRM ≥ 800V		
			High junction temperature			

MARKING

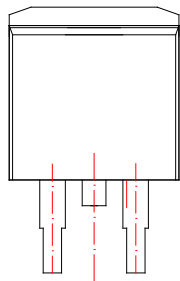


FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature



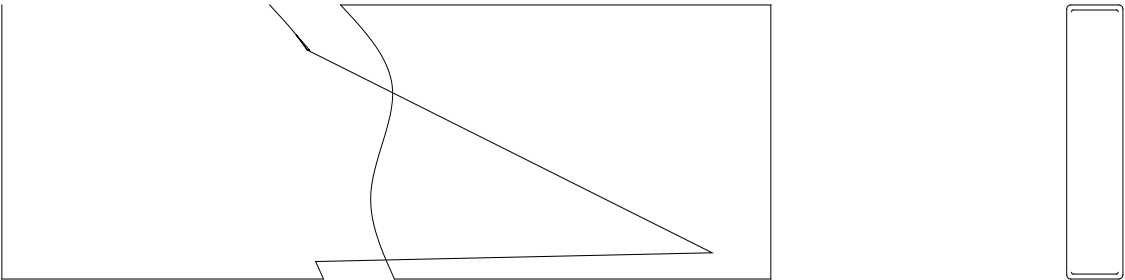
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PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	9.90		10.20	0.390		0.402
B	14.70		15.80	0.579		0.622
C	9.40		9.60	0.370		0.378
D	2.40			0.094		
E	1.20		1.50	0.047		0.059
F	0.75		0.85	0.029		0.033

DELIVERY MODE



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