



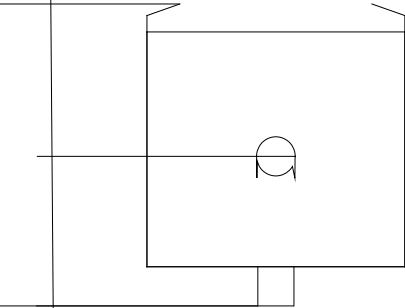
## T0610H-6E 6A TRIAC

Rev.A.1.0

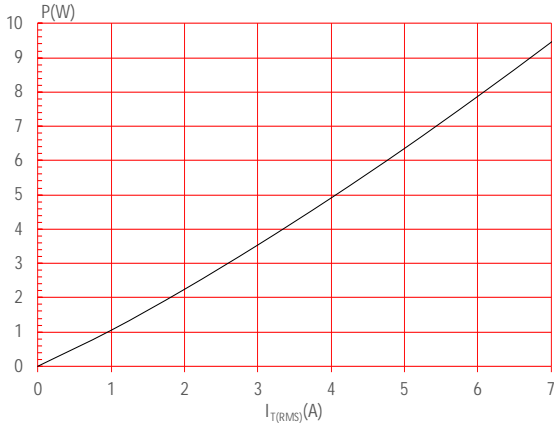
The T0610H-6E triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. Compared to traditional triacs, T0610H-6E provides a very high switching capability up to junction temperatures of 150°C. It can be driven directly through the MCU I/O port. Package TO-263 is RoHS compliant.



<b>T</b>	<b>06</b>	<b>10</b>	<b>H</b>	<b>-6</b>	<b>E</b>	<b>-/</b>
Triacs	$I_{T(RMS)}:6A$					Blank:Tube -TR:Tape & Reel
	$10:I_{GT1-3} 10mA$				$E:TO-263$	
				$6:V_{DRM} / V_{RRM} 600V$		
			High junction temperature			



**FIG.1** Maximum power dissipation versus RMS on-state current



**FIG.2:** RMS on-state current versus case temperature

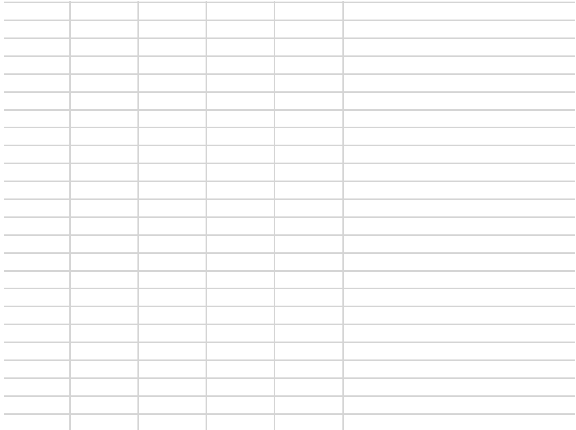


FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature

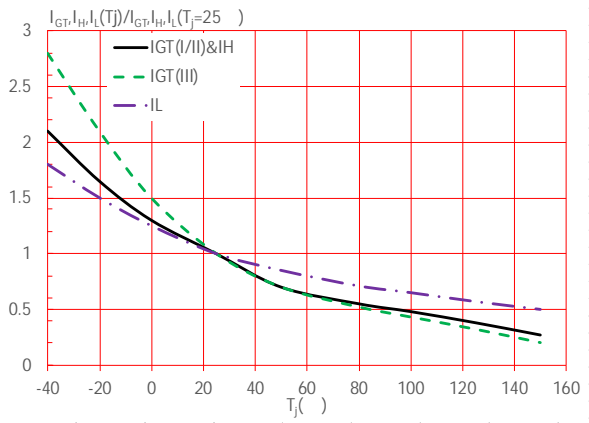
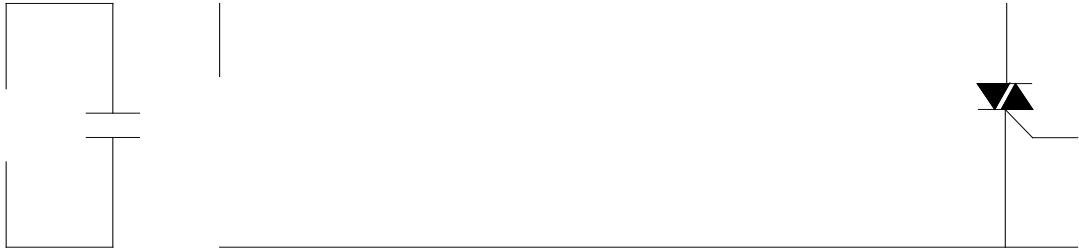
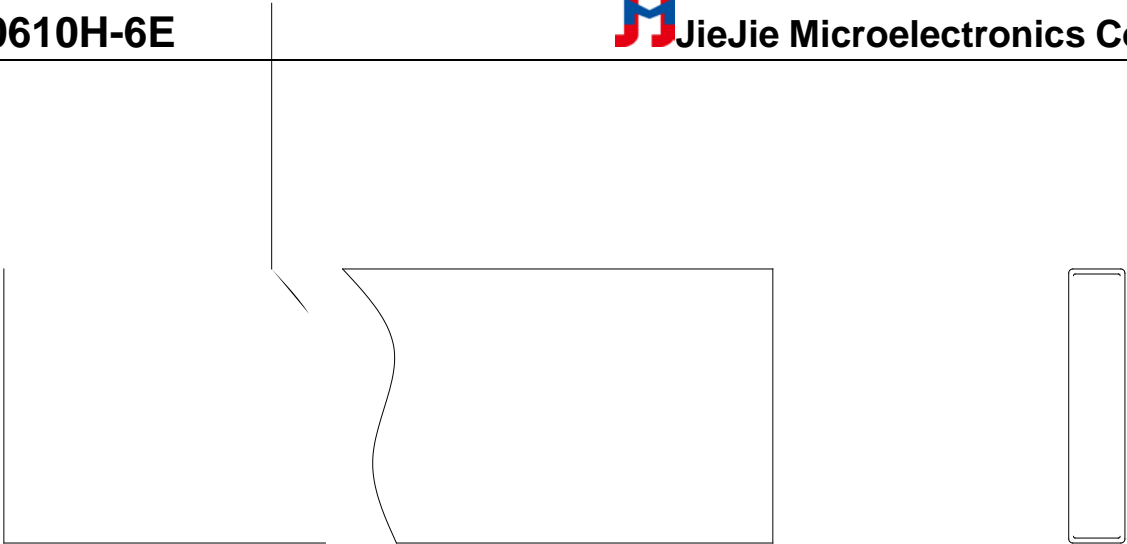


FIG.8 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards










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