



T0650H-8H 6A TRIAC

Rev.A.1.1

The T0650H-8H triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating r

4	kV
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specified)

Value	Unit
50	mA
1	V
0.2	V
70	mA
100	
50	mA
1200	V/μs
5	A/ms

t _{on}	I _G =80mA I _A =400mA I _R =40mA T _j =25	TYP.	5	μs
t _{off}			50	

Symbol	Parameter	Value(MAX.)	Unit
V _{TM}	I _{TM} = 8.5A t _p = 380μs T _j = 25	1	

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

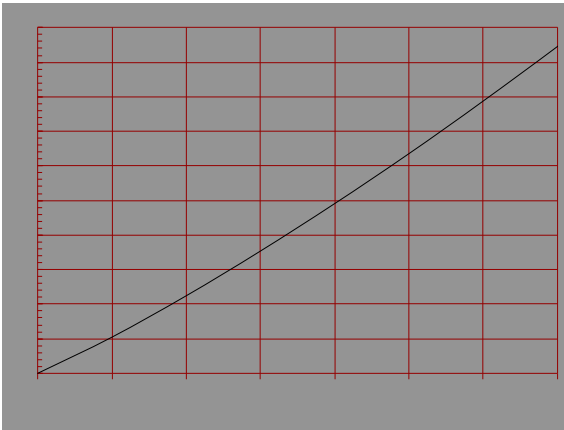


FIG.3: Surge peak on-state current versus number of cycles

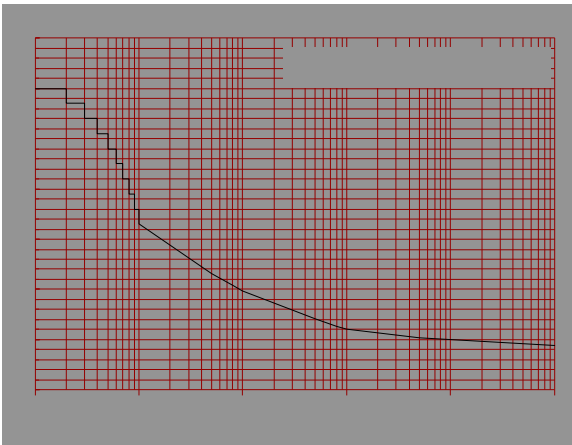


FIG.5: Non-repetitive surge peak on-state current for a sinusoidal pulse with width $t_p < 20\text{ms}$, and corresponding value of I^2t ($di/dt < 100\text{A}/\mu\text{s}$)

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

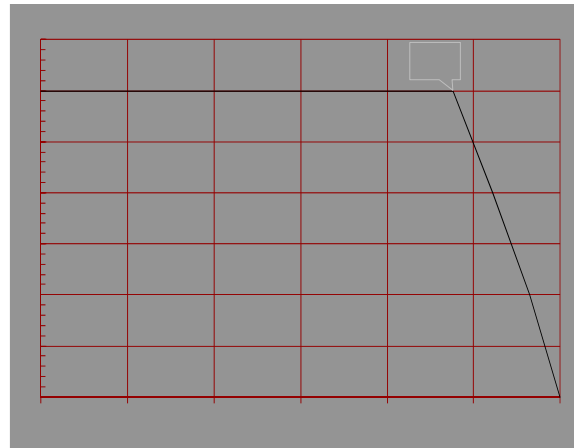


FIG.4: On-state characteristics

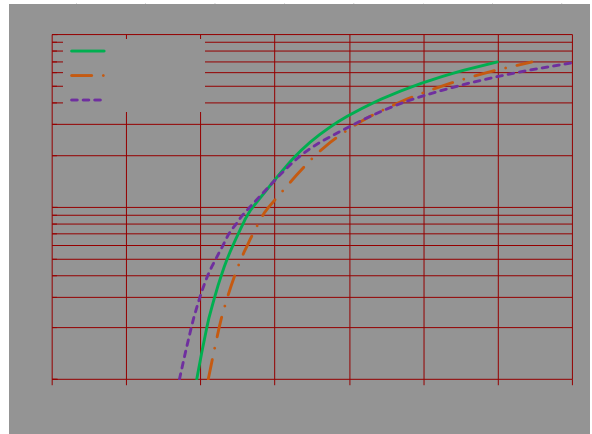
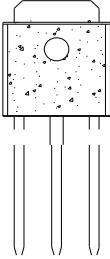


FIG.6: Relative variations of gate trigger current, holding current and latching current versus junction temperature

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T0650H-8H	800	50	TO-251	80	T





Information furnished in this document is believed to be accurate and reliable. However,
Jiangsu JieJie Microelectronics