



Features

- Half-bridge SCR configuration integrated in a single package
- High-thermal-conductivity DBC insulation for excellent heat dissipation
- Vacuum soldering technology for enhanced reliability

Applications

- Heating control
- Light control system
- DC motor

Product Summary

Absolute Maximum Ratings (@ $T_C = 25^\circ\text{C}$ unless otherwise specified)

Parameter	Conditions	Symbol	Values	Unit
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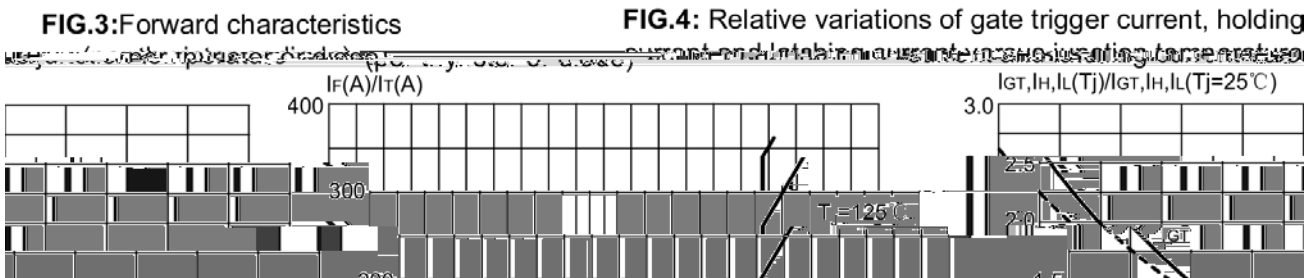
Electrical Characteristics (@ $T_C = 25^\circ\text{C}$ unless otherwise specified)

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak forward voltage	$I_T=360\text{A}, t_P=380 \text{ V}$	V_T			1.80	V
Repetitive peak off-state current	$V_D = V_{\text{DRM}}, T_{vj} = 25$ $V_D = V_{\text{DRM}}, T_{vj}$	I_{DRM}			100	A

Ordering Information

Device	Marking	Package	Weight	Inner Box	Pre Carton
JMT120KH16T1	JMT120KH16T1	T1	100±5g/PCS	10 PCS	120 PCS

Typical Electrical & Thermal Characteristics





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