JMT110KT20T1

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

Product Summary

Applications

- Heating control
- Light control system
- DC motor

Absolute Maximum Ratings (@ T_C = 25℃ unless otherwise specified)

Parameter	Conditions	Symbol

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Electrical Characteristics (@ T_C = 25℃ unless otherwise specified)

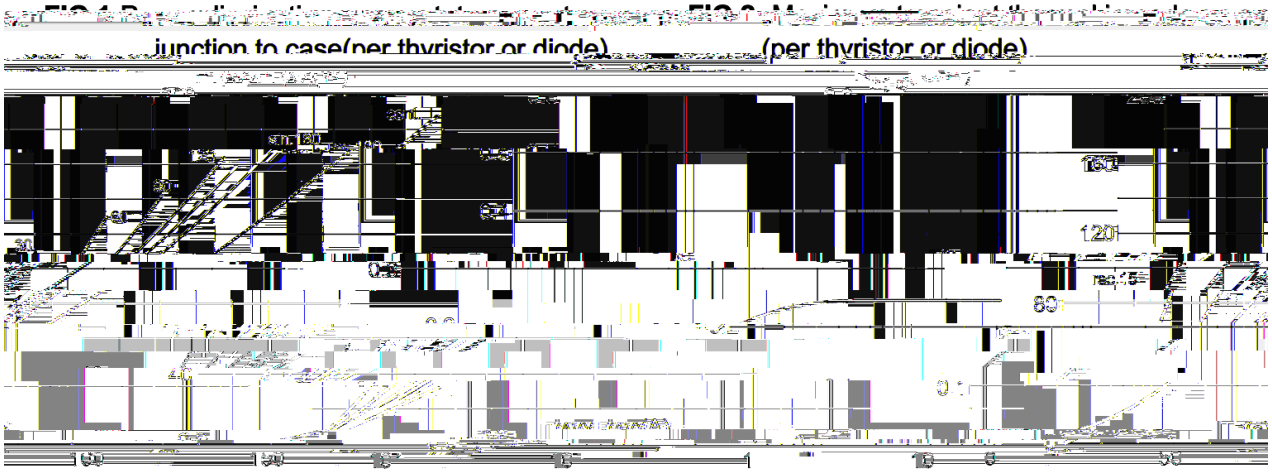
Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak forward voltage	I_T=330A, t_P=380μs	V_T				

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Ordering Information

Device	Marking	Package	Weight	Inner Box	Pre Carton
JMT110KT20T1	JMT110KT20T1	T1	100g 5/PCS	10 PCS	120 PCS

Typical Electrical & Thermal Characteristics



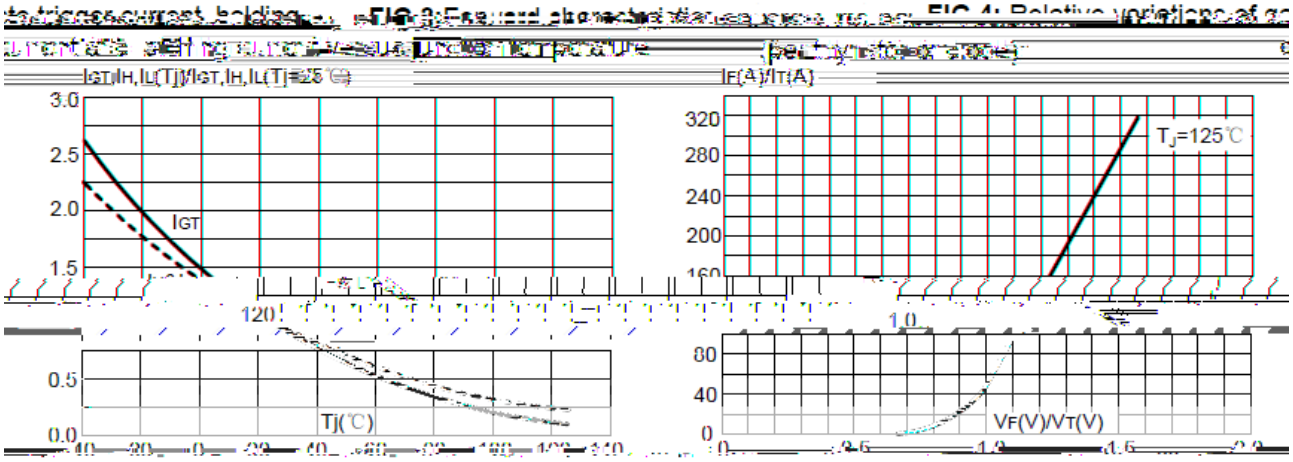
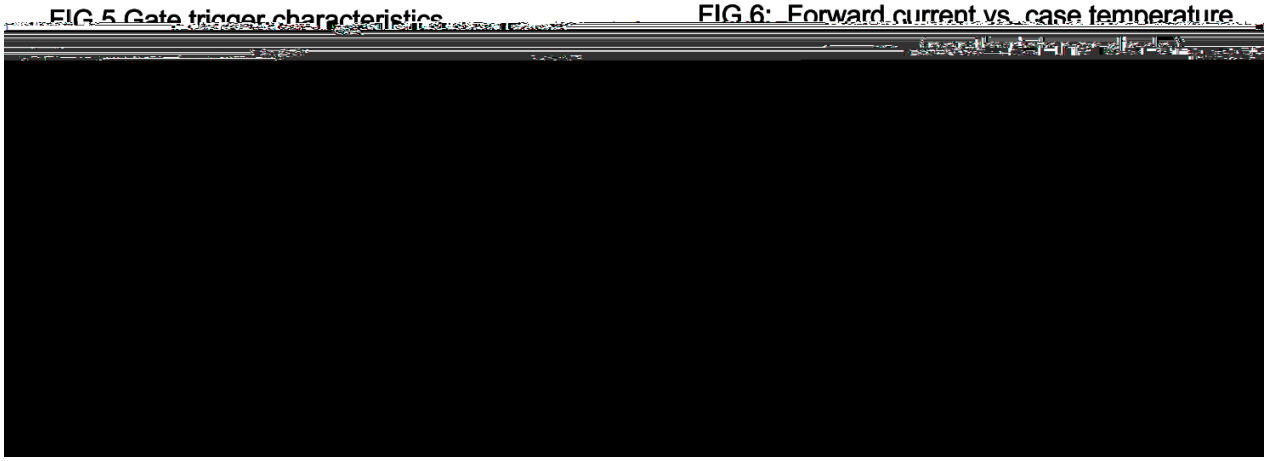


FIG 5 Gate trigger characteristics

FIG 6: Forward current vs. case temperature



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