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)

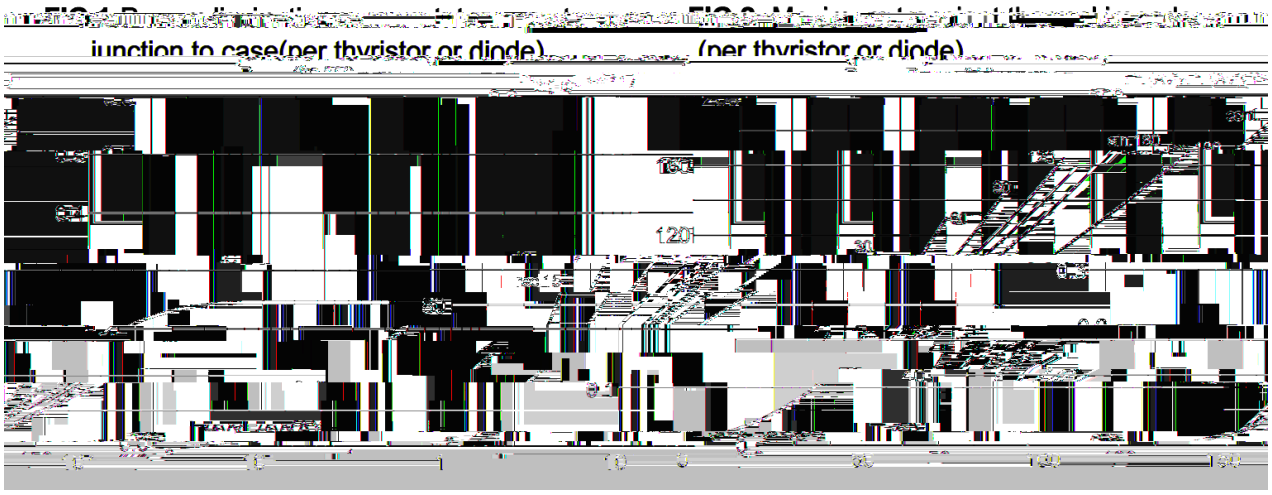
Parameter	Conditions	Symbol	Values	Unit
Repetitive peak off-state voltage	Tvj = 25℃	V_{DRM}	2000	V
Repetitive peak reverse voltage	Tvj = 25℃	V_{RRM}	2000	V
Non-repetitive peak off-state voltage	Tvj = 25℃	V		

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Ordering Information

Device	Marking	Package	Weight	Inner Box	Per Carton
JMT110KB20T1	JMT110KB20T1	T1	100g 5/PCS	10 PCS	120 PCS

Typical Electrical & Thermal Characteristics



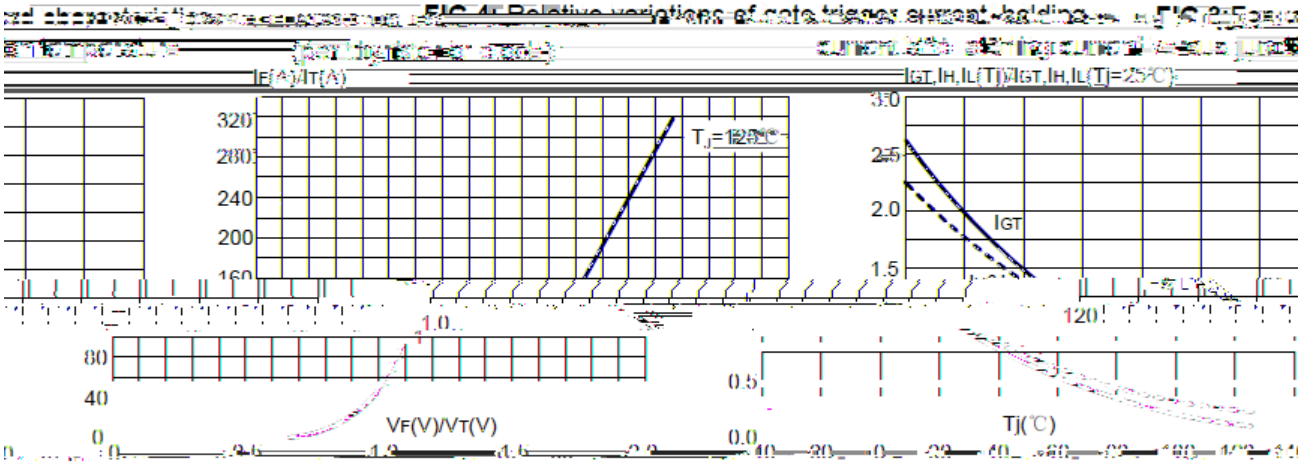
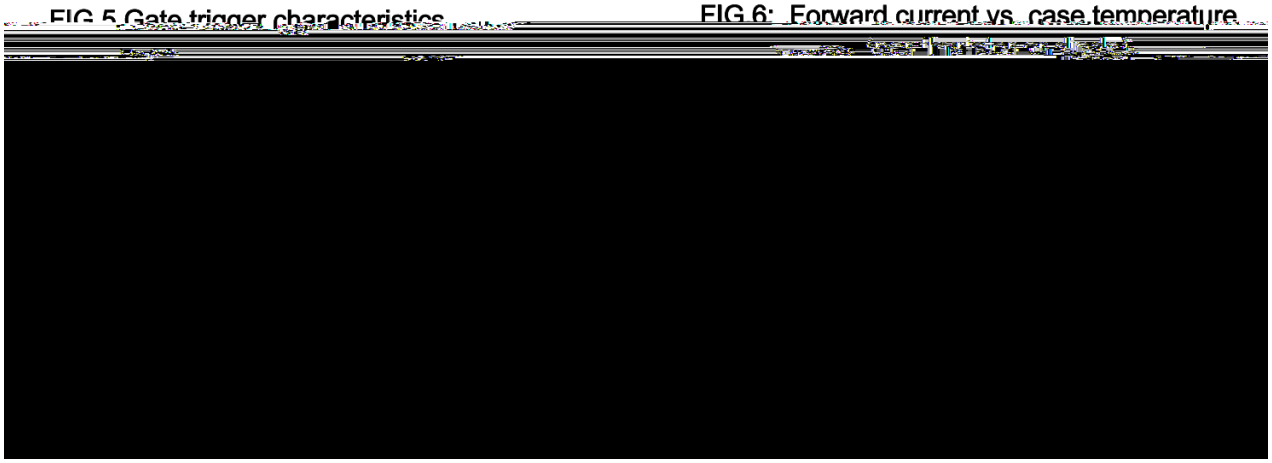
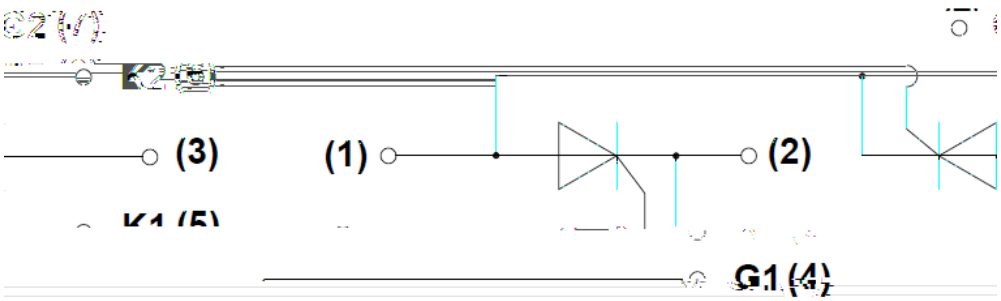


FIG 5 Gate trigger characteristics FIG 6: Forward current vs. case temperature

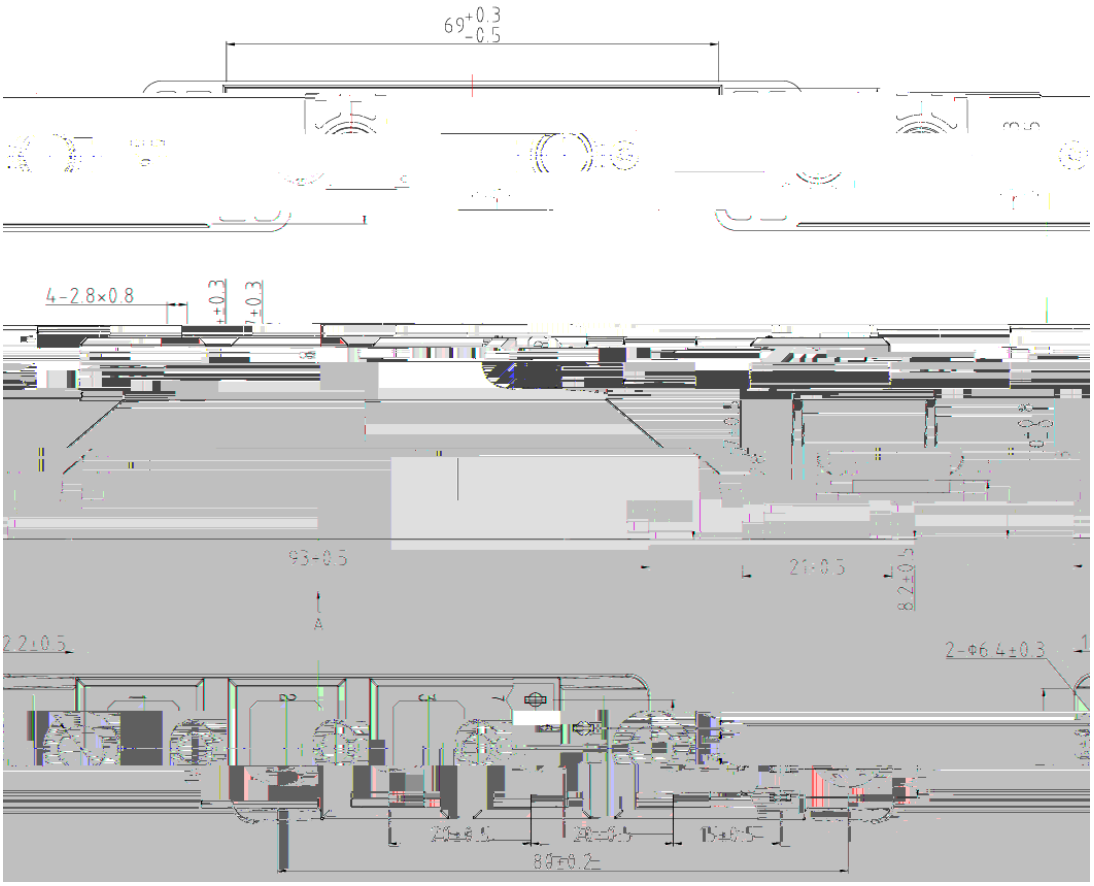


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Circuit Diagram



Package Outlines (mm)



Unit of measurement: mm

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