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

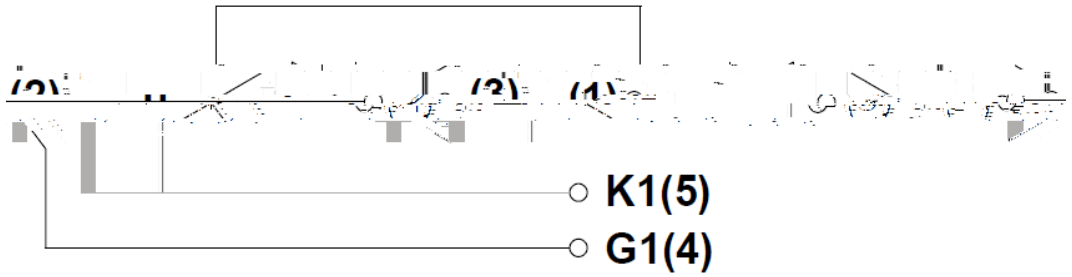
Absolute Maximum Ratings (@ T_C = 25°C unless otherwise specified)

Parameter	Conditions	Symbol	Values	Unit
Repetitive peak off-state voltage	Tvj = 25°C	V_{DRM}	1600	V
Repetitive peak reverse voltage	Tvj = 25°C	V_{RRM}	1600	V
Non-repetitive peak off-state voltage	Tvj = 25°C	V_{DSM}	1700	V
Non-repetitive peak reverse voltage	Tvj = 25°C	V_{RSM}	1700	V
Average forward current	T_C = 85°C	$I_{T(AV)}$	140	A

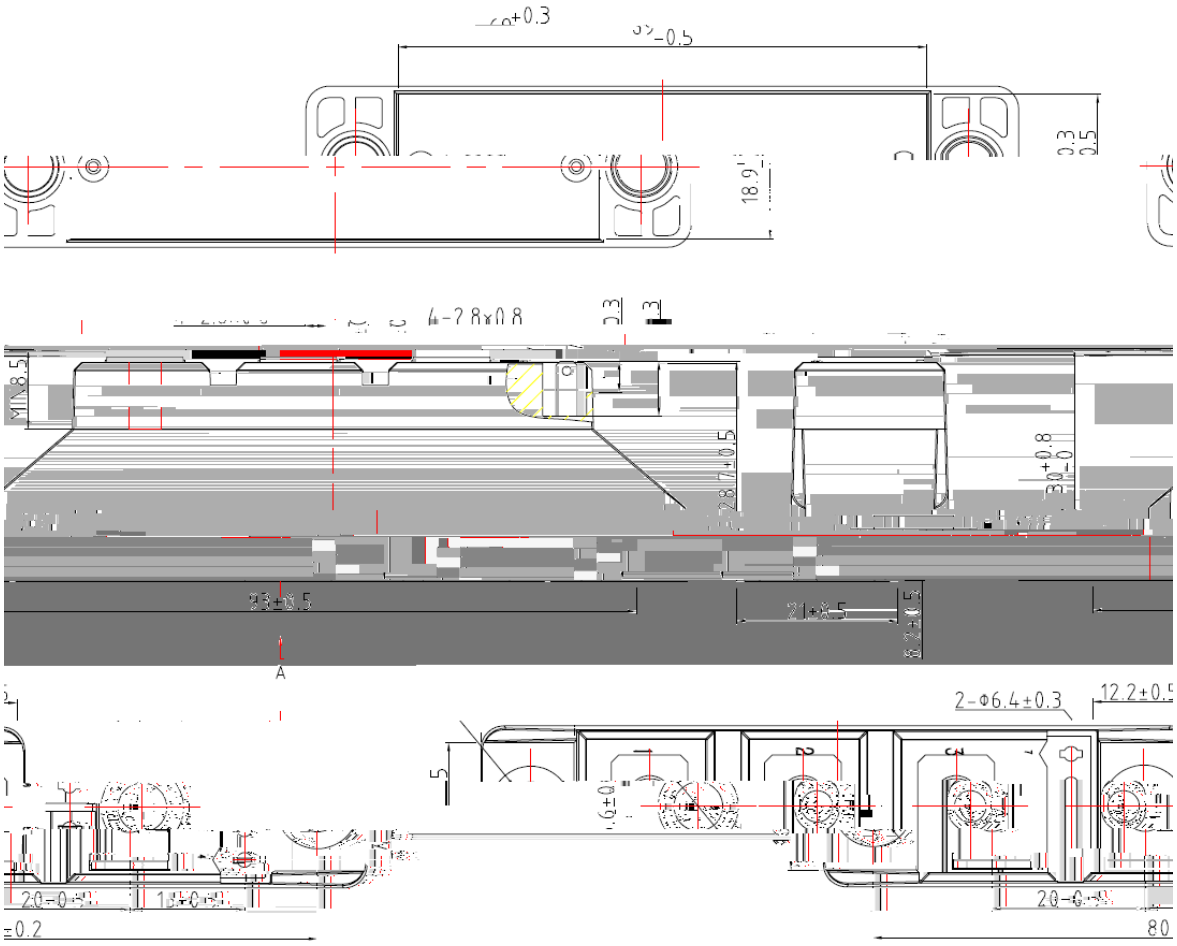
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Circuit Diagram



Package Outlines (mm)



Unit of measurement: mm

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