



## Features

- Half-bridge SCR configuration integrated in a single package
- With high thermal conductivity DBC as the Insulation
- Welding by vacuum welding technology, which provide high reliability

## Product Summary

## Applications

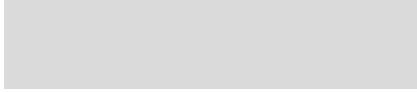
- Temperature control
- Light control system
- DC motor

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

Parameter	Conditions	Symbol	Values	Unit
Repetitive peak off-state voltage	$T_{vj} = 25^\circ\text{C}$	$V_{DRM}$	1600	V
Repetitive peak reverse voltage	$T_{vj} = 25^\circ\text{C}$	$V_{RRM}$	1600	V
Non-repetitive peak off-state voltage	$T_{vj} = 25^\circ\text{C}$	$V_{DSM}$	1700	V
Non-repetitive peak reverse voltage	$T_{vj} = 25^\circ\text{C}$	$V_{RSM}$	1700	V
Average forward current	$T_c = 85^\circ\text{C}$	$I_{T(AV)}$	280	A



**Electrical Characteristics (@  $T_c = 25^\circ\text{C}$  unless otherwise specified)**





**Ordering Information**

Device	
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