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}	1800	V
Repetitive peak reverse voltage	Tvj = 25℃	V_{RRM}	1800	V
Non-repetitive peak off-state voltage	Tvj = 25℃	V_{DSM}	1900	V
Non-repetitive peak reverse voltage	Tvj = 25℃	V_{RSM}	1900	V
Average forward current	T_C = 85℃	$I_{T(AV)}$	2	A
Forward surge current	1/2 cycle, Sine wave, 50Hz Tvj = 25 -	I_{TSM}	8300	A
I^2t value for fusing		I^2t	344400	A^2s

Critical .6 (r)-64 (i)- 27.841T65(t)15rz

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