



Features

- A package of series of two diodes
- Heat transfer through alumina ceramic and metal substrate
- Welding by vacuum welding technology, which provide high reliability

Product Summary

Applications

- AC converter
- Inverter
- DC motor

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

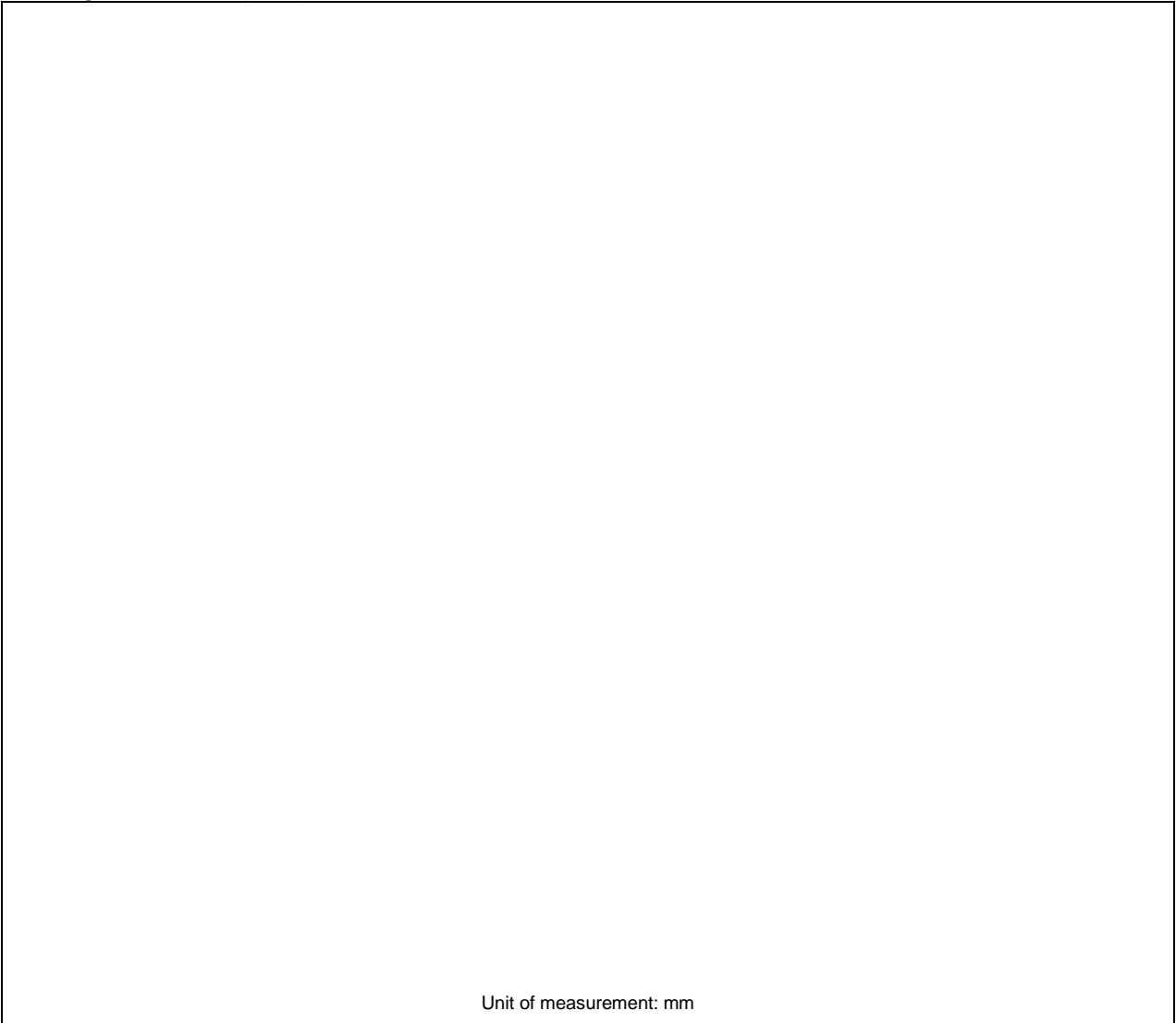
Parameter	Conditions	Symbol	Values	Unit
Repetitive peak reverse voltage	$T_{vj} = 25^\circ\text{C}$	V_{RRM}	1600	V
Non-repetitive peak reverse voltage	$T_{vj} = 25^\circ\text{C}$	V_{RSM}	1700	V
Average forward current	$T_C = 100^\circ\text{C}$	$I_{F(AV)}$	70	A
Forward surge current	1/2 cycle, Sine wave, 50Hz	I_{FSM}	1960	A
I^2t value fo fusing	$T_{vj} = 25$	I^2t	19200	A^2s

RMS isolation voltage





Package Outlines (mm)



Unit of measurement: mm

