JMD150KD20T1W

Diode Module

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

Parameter	Value	Unit
V_{RRM}	2000	V
$I_{F(AV)}$(@ T_C = 100)	150	A
I_{FSM}(@ t_P		

Applications

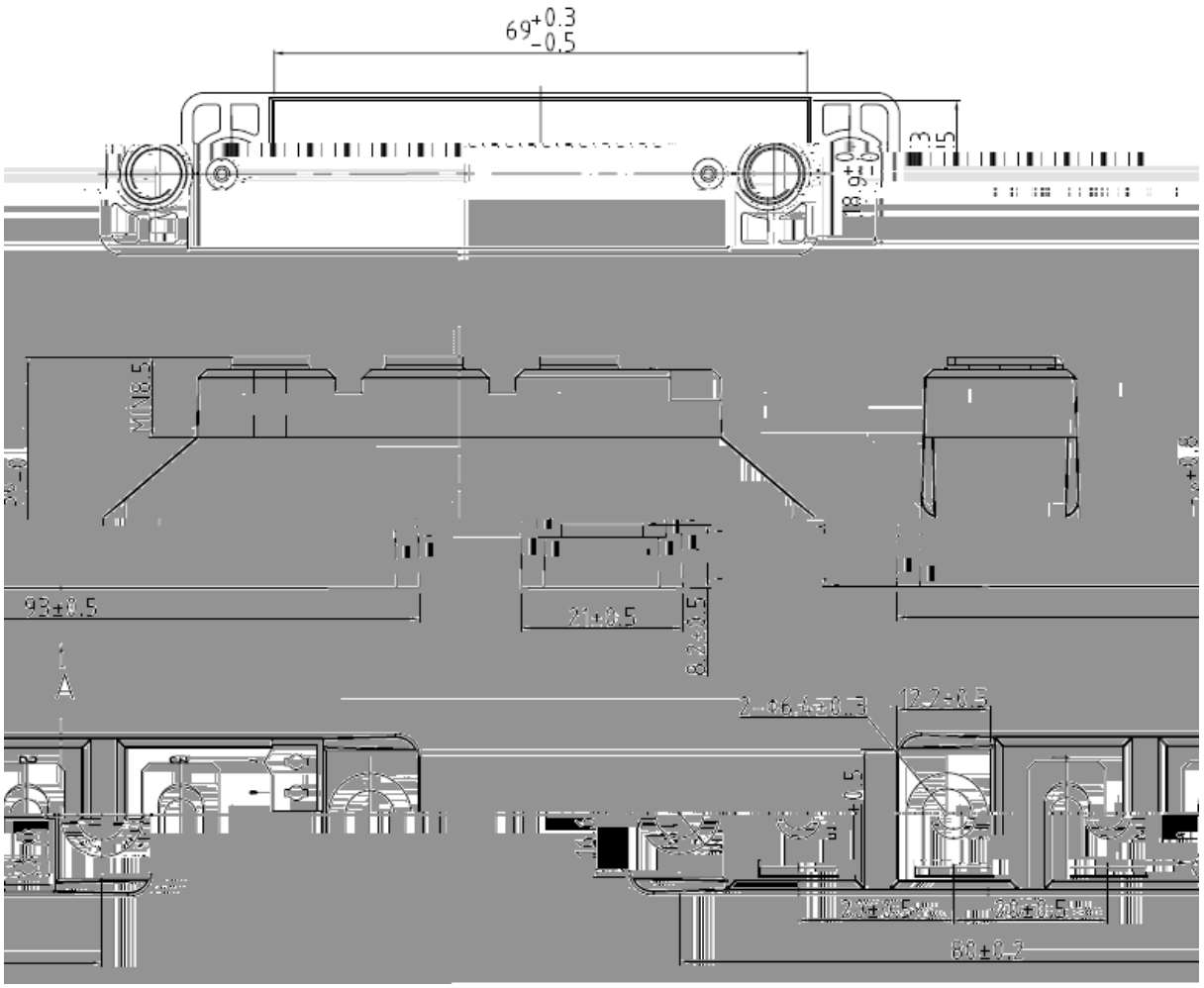
- AC converter
- Inverter
- DC motor

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

Parameter	Conditions	Symbol		
N -repetitive peak reverse voltage	**T_{vj} = 25°C**	**V_{RSM}**	**2100**	**V**
Average forward current	**T_C = 100°C**	**$I_{F(AV)}$**	**150**	**A**
Forward surge current	**1/2 cycle, Sine wave, 50Hz**	I_{FSM}	4200	A
I^2t value for fusing	**T_{vj} = 25**	I^2t	88200	A^2s
RMS isolation voltage	A.C 50Hz(1s/1min)	V_{ISO}	3600/3000	V
Junction temperature range		T_J	-40 ~ +150	
Storage temperature range		T_{stg}	-40 ~ +125	

Jiangsu JieJie Microelectronics Co., Ltd.
All product information are copyrighted and subject to legal disclaimers

Package Outlines (mm)



Unit of measurement: mm

Jiangsu JieJie Microelectronics Co., Ltd.
All product information are copyrighted and subject to legal disclaimers

All product information are copyrighted and subject to legal disclaimers