



浙江芯芯电子有限公司
ZHEJIANG XINXIN ELECTIRICAL CO., LTD.

产品规格书

Specification of Products

产品名称：螺栓型

产品型号：ZP200A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTIRICAL CO., LTD.

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拟制	审核	核准
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版本号：04 更新日期：2022.6.28

SY M BOL	CH ARACTERIS TIC	TES T CONDI TIONS	T _j (℃)	VALUE			UNIT
				M in	Type	M ax	
I _{F(AV)}	Mean forward current	180° half sinwave 50Hz single side cooled _h T=55° C	150			287	A
I _{F(AV)}	Mean forward current	180° half sinwave 50Hz single side cooled _h T=90° C	150			200	A
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{RRM} +100V	150	100		2000	V
I _{RRM}	Repetitive peak current	at V _{RRM}	150			10	mA
I _{FSM}	Surge forward current	10ms half sineave	150			2.8	KA
I ² T I	² T for fusing coordination	V _R =0.6V _{RRM}				40	A ² s*10 ³
V _{FO}	Threshold voltage		150			1.28	V
r _F	Forward slop resistance					1.12	mW
V _{FM}	Peak on-state voltage	T _M =600A	150			2.0	V
I _{rm}	Reverse recovery current	I _M =300A, tp=1000 μs, di/dt=-20A/μs, V _R =50V	150			50	A
t _{rr}	Reverse recovery time					4	μs
Q _{rr}	Recovery charge					100	μC
R _{th(j-h)}	Thermal resistance Junction to heatsink	At 180° sine single side cooled Clamping torque 27 Nm				0.16	°C /W
F _m	M ounting torque			25		30	N.m
T _{stg}	Stored temperature			-40		160	° C
Outline							

Outline



