



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：ZP100A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTIRICAL CO., LTD.

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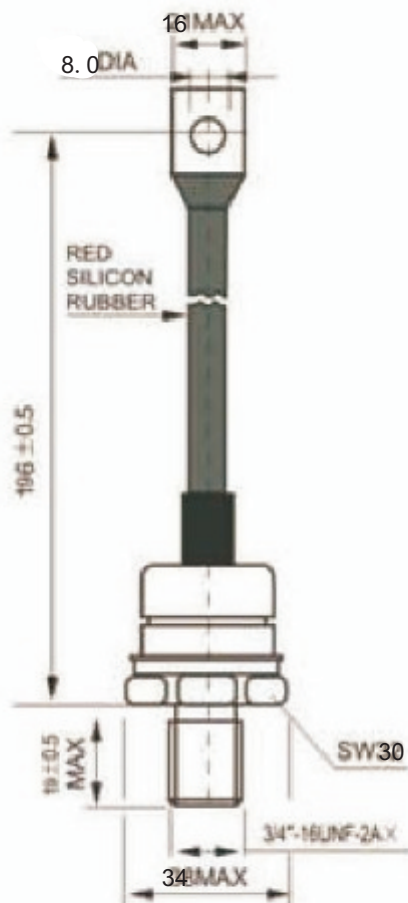
<http://www.zjxxdz1.com>

拟制	审核	核准
丁国盛	李园利	麻伟阳

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SYMBOL	CHARACTERISTIC	TEST CONDITIONS	T _j (°C)	VALUE			UNIT
				Min	Type	Max	
I _{F(AV)}	Mean forward current	180° half sinewave 50Hz single side cooled, T _S =55°C	150			177	A
I _{F(AV)}	Mean forward current	180° half sinewave 50Hz single side cooled, T _S =90°C	150			100	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 sinewave	150			2.2	KA
I ² T I	² T for fusing coordination	V _R =0.6V _{RRM}				24	A ² s*10 ³
V _{FO}	Threshold voltage		150			1.56	V
r _F	Forward slop resistance					1.34	mW
V _{FM}	Peak on-state voltage	T _M =300A	150			2.0	V
I _{rm}	Reverse recovery current	I _{TM} =300A, tp=1000 μs, di/dt=-20A/μs, V _R =50V	150			40	A
t _{rr}	Reverse recovery time					4	μs
Q _{rr}	Recovery charge					80	μC
R _{th(j-h)}	Thermal resistance Junction to heatsink	At 180° sine single side cooled Clamping torque 17 Nm				0.19	°C /W
F _m	Mounting torque			13		19	N.m
T _{stg}	Stored temperature			-40		160	°C
Outline							

Outline



*FOR METRIC DEVICES:
M20×1.5/M16×1.5-LENGTH21 MAX

