



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：平板型

产品型号：3000A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTIRICAL CO., LTD.

地址：浙江省缙云县壶镇镇浙江丽缙五金科技产业园苍山区块内

电话：13857067071

邮编：321404

E-mail:247145749@qq.com

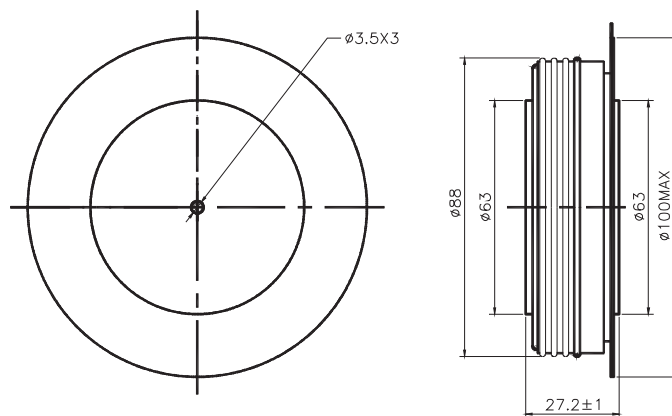
<http://www.zjxxdz1.com>

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 curent	180 half sinewave 50Hz Double side cooled, T _S =55 C	150			3834	A
I _{F(AV)}	Mean forward curent	180 half sinewave 50Hz Double side cooled, T _S =90 C	150			2828	A
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{RRM} +100 V	150	1100		2000	V
I _{RRM}	Repetitive peak current	at V _{RRM}	150			160	mA
I _{FSM}	Surge forward current	10ms half sine wave	150			49.8	KA
I ² T I	² T for fusing coordination	V _R =0. 6V _{RRM}				12421	A ² s*10 ⁻³
V _{FO}	Threshold voltage		150			0. 70	V
r _F	Forward slop resistance					0. 09	mΩ
V _{FM}	Peak on-state vtagel	T _M =5400A, F=35KN	150			1. 19	V
I _{rm}	Reverse recovery current	I _{TM} =1000A, tp= 1000 s, di/dt=40A/s, V _R =50V	150			176	A
t _{rr}	Reverse recovery time					7. 6	s
Q _{rr}	Recovery charge					668	C
R _{th(j-h)}	Thermal resistance Junction to heatsink	At 180° sine double side cooled Clamping force 35KN				0. 016	C /W
F _m	Mounting force			30		40	KN
T _{stg}	Stored temperature			-40		160	C
W _t	Weight				900		g
Outline	ZT60cT70						

Outline



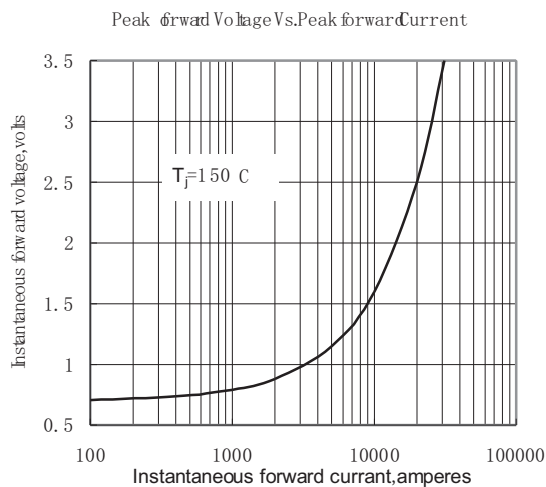


Fig. 1

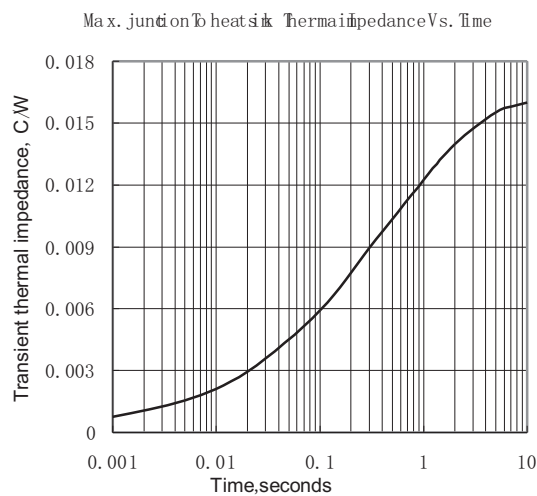


Fig. 2

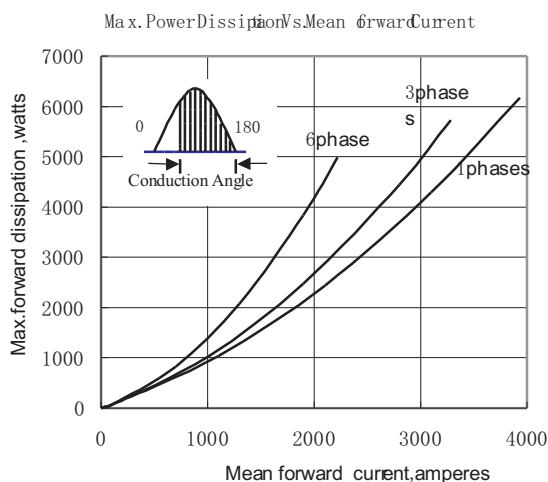


Fig. 3

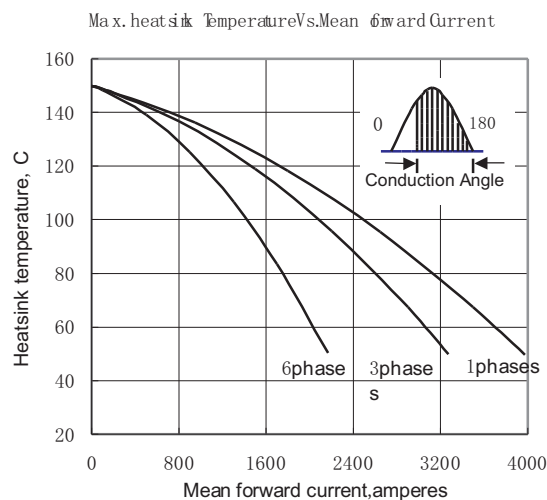


Fig. 4

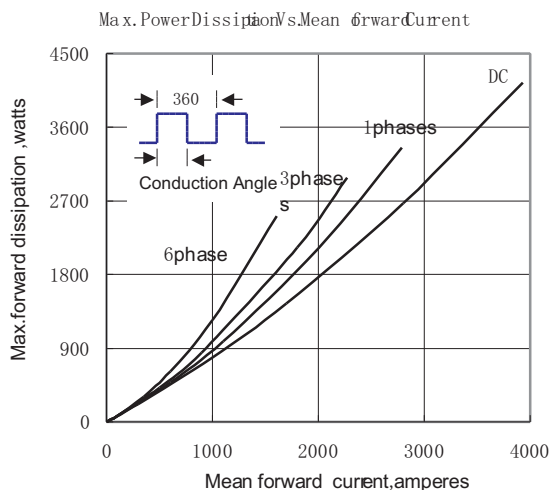


Fig. 5

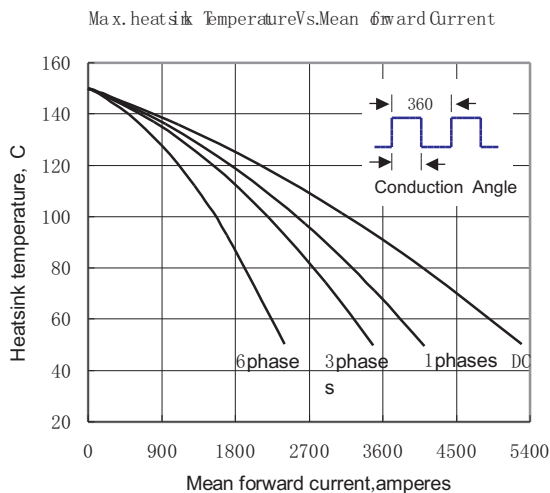


Fig. 6