



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

产品规格书

Specification of Products

产品名称：平板型

产品型号：1000A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTRICAL CO., LTD.

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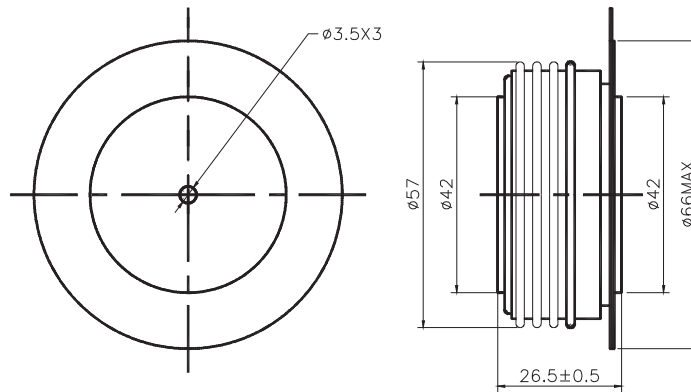
<http://www.zjxxdz1.com>

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 Double side cooled, $\bar{T}_S=55^{\circ}\text{C}$	150			1771	A
I _{F(AV)}	Mean forward current	180 half sinewave 50Hz Double side cooled, $\bar{T}_S=90^{\circ}\text{C}$	150			1292	A
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{RRM} +100V	150	1100		2000	V
I _{RRM}	Repetitive peak current	at V _{RRM}	150			50	mA
I _{FSM}	Surge forward current	10ms half sine wave	150			23.1	KA
I ² T I	² T for fusing coordination	V _R =0.6V _{RRM}				2659	A ² s*10 ³
V _{FO}	Threshold voltage		150			0.90	V
r _F	Forward slop resistance					0.20	mΩ
V _{FM}	Peak onstate voltage I	T _M =3770A, F=18KN	150			1.67	V
I _{rm}	Reverse recovery current	I _{TM} =1000A, tp=1000 s, di/dt=-40A/s, V _R =50V	150			122	A
t _{rr}	Reverse recovery time					4.8	s
Q _{rr}	Recovery charge					292	C
R _{th(j-h)}	Thermal resistance Junction to heatsink	At 180° sine double side cooled Clamping force 18KN				0.030	C /W
F _m	Mounting force			15		20	KN
T _{stg}	Stored temperature			-40		160	C
W _t	Weight				360		g
Outline	ZT39cT40						

Outline



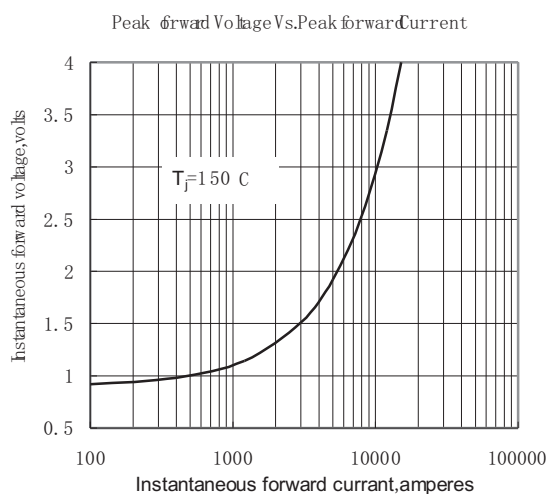


Fig. 1

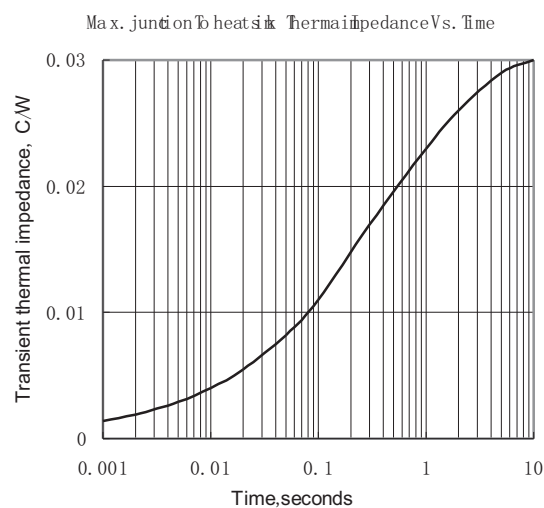


Fig. 2

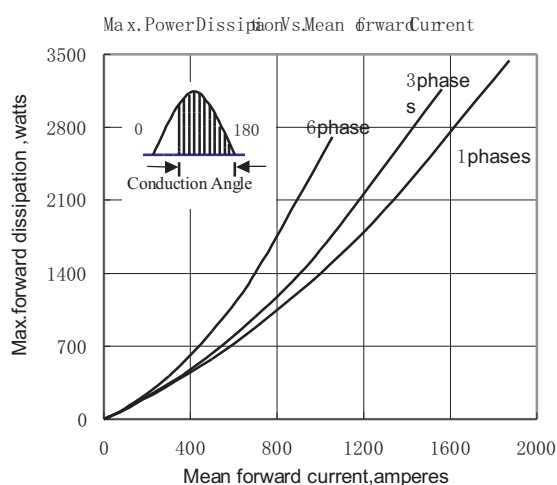


Fig. 3

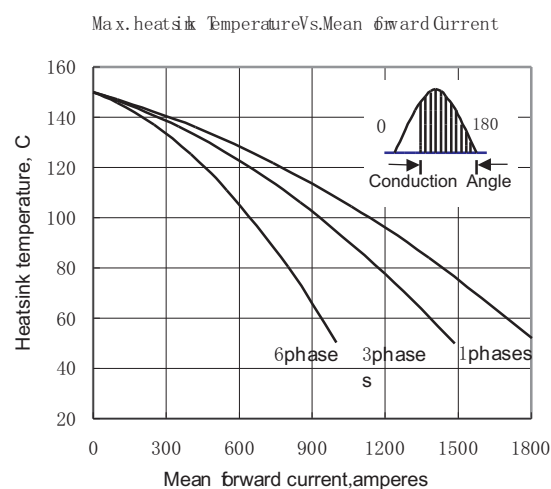


Fig. 4

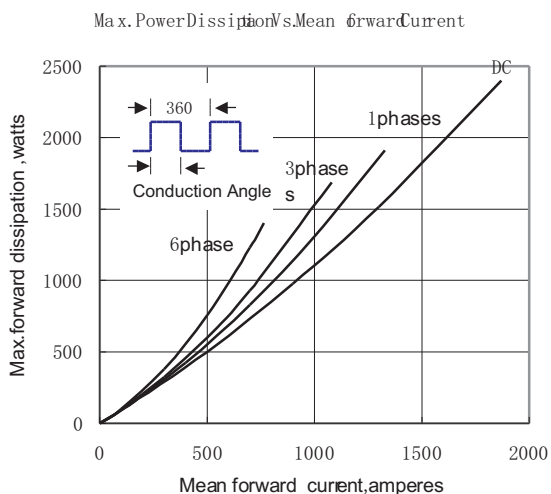


Fig. 5

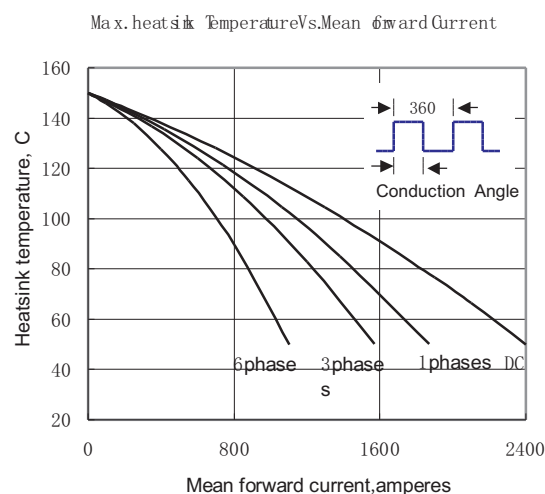


Fig. 6