



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：ZP800A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTRICAL CO., LTD.

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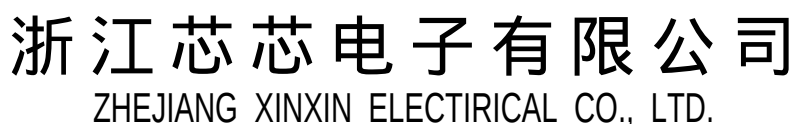
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拟制	审核	核准
丁国盛	李园利	麻伟阳

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SYMBOL	CHARACTERISTIC	TEST CONDITIONS		T _J (°C)	VALUE			UNIT
					Min	Type	Max	
I _{F(AV)}	Mean forward current	180° half sine wave 50Hz Double side cooled,	T _c =55°C	190			1990	A
			T _C =85°C				1700	
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{RRM} +100V		190	200		1000	V
I _{RRM}	Repetitive peak current	V _{RM} = V _{RRM}		190			40	mA
I _{FSM}	Surge forward current	10ms half sine wave		190			18	KA
I ² t	I ² T for fusing coordination	V _R =0.6V _{RRM}					1620	A ² s*10 ³
V _{FO}	Threshold voltage			190			0.81	V
r _F	Forward slop resistance						0.23	mΩ
V _{FM}	Peak on-state voltage	I _{FM} =4400A, F=15KN		190			1.82	V
Q _{rr}	Recovery charge	I _{FM} =2000A, tp=2000μs, di/dt=-20A/μs, V _R =50V		190		1900		μC
R _{th(j-c)}	Thermal resistance Junction to case	At 180° sine double side cooled Clamping force 15.0KN					0.035	°C /W
R _{th(c-h)}	Thermal resistance case to heat sink						0.008	
F _m	Mounting force				10		20	KN
T _{stg}	Stored temperature				-40		190	°C
W _t	Weight					240		g
Outline	ZT33cT							

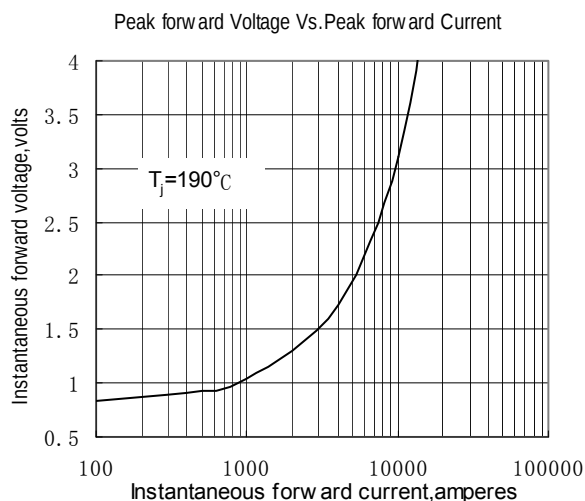


Fig.1

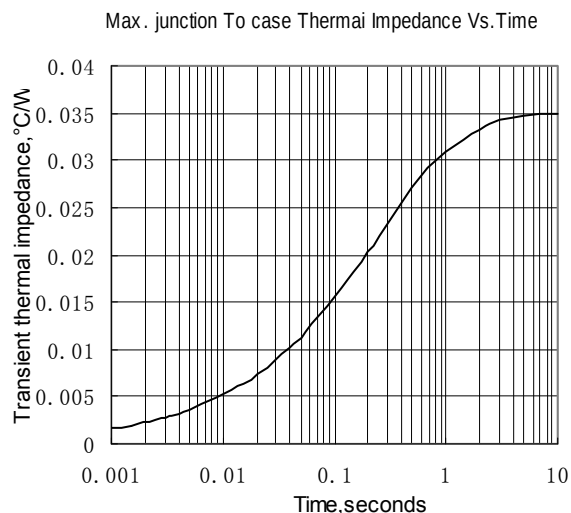


Fig.2

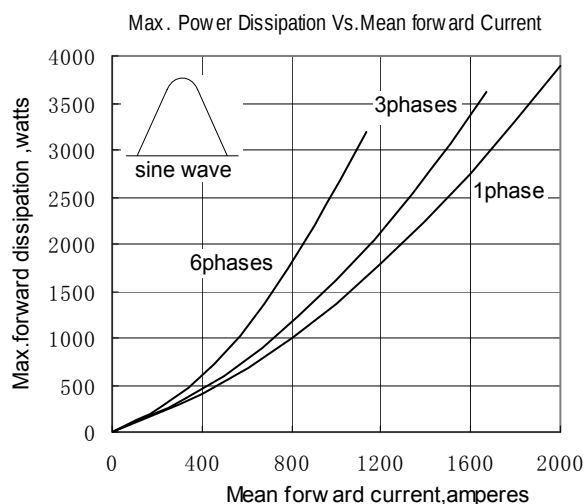


Fig.3

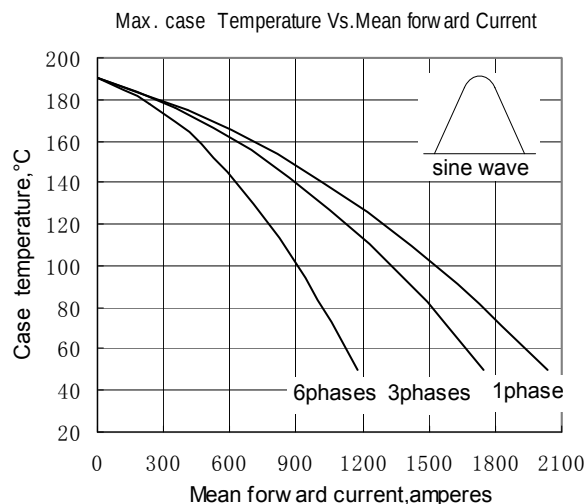


Fig.4

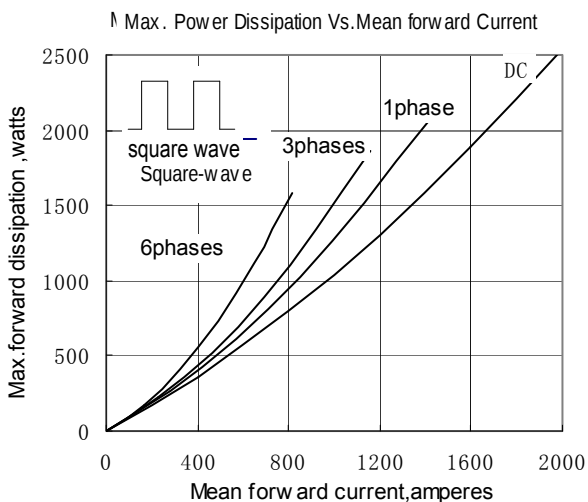


Fig.5

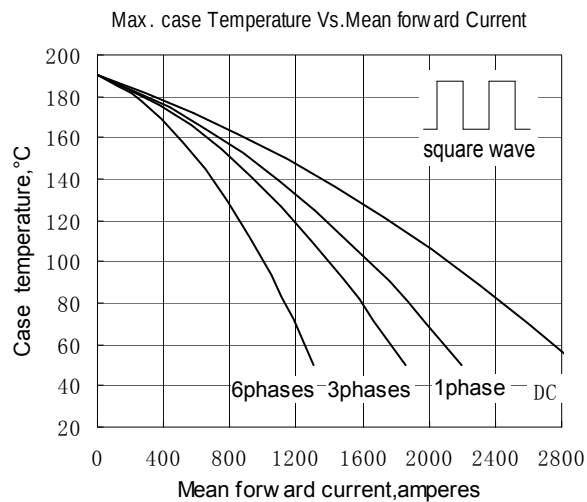


Fig.6

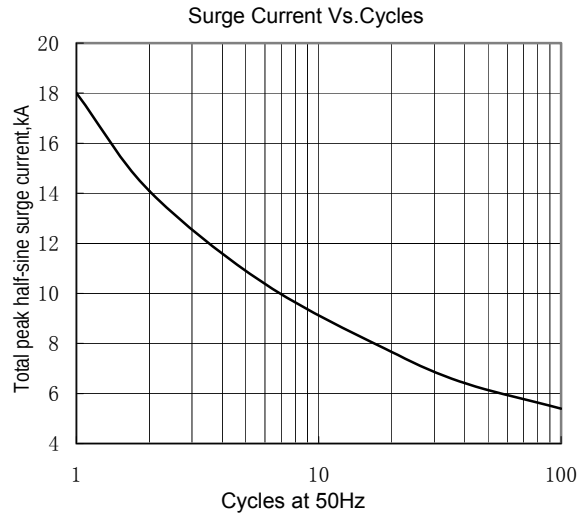


Fig.7

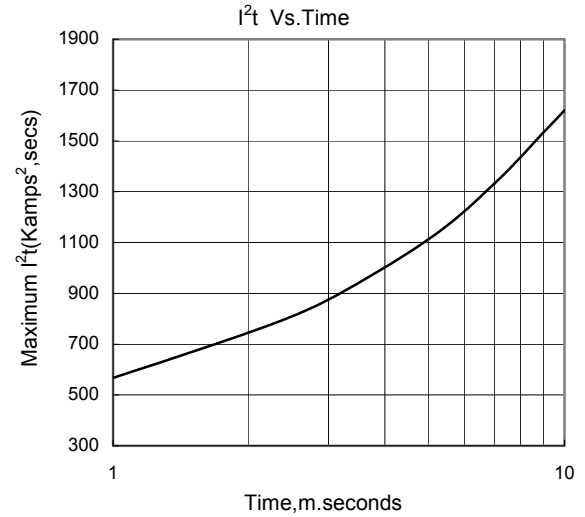


Fig.8

Outline:

