

产品规格书

Specification of Products

产品名称：平板型

产品型号：200A

浙江世菱电力电子有限公司

ZHEJIANG SHILING POWER ELECTRON CO.,LTD.

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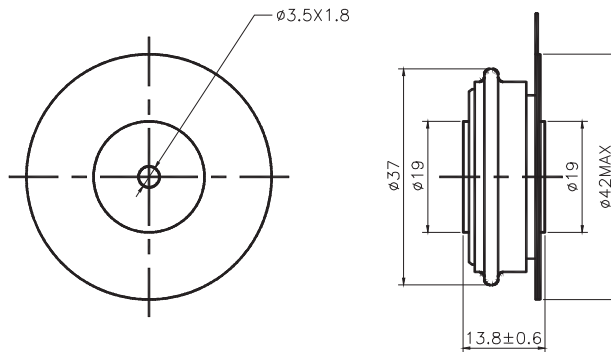
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拟制	审核	核准
丁国盛	曹剑龙	宗瑞

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, T _{js} =55C	150			600	A	
I _{F(AV)}	Mean forward current	180 half sinewave 50Hz Double side cooled, T _{js} =90C	150			450	A	
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{RRM} +100V	150	200		1000	V	
I _{RRM}	Repetitive peak current	at V _{RRM}	150			16	mA	
I _{FSM}	Surge forward current	10ms half sine wave	150			7.8	KA	
I ² T I	² T for fusing coordination	V _R =0.6V _{RRM}					304 A ² s*10 ³	
V _{FO}	Threshold voltage		150			0.73	V	
r _F	Forward slop resistance						0.68	mΩ
V _{FM}	Peak onstate voltage I	T _M =1500A, F=5.0KN	150			1.75	V	
I _{rm}	Reverse recovery current		150			70	A	
t _{rr}	Reverse recovery time	I _{TM} =600A, tp=1000s, di/dt=-40A/s, V _R =50V					4.0	s
Q _{rr}	Recovery charge						140	C
R _{th(j-h)}	Thermal resistance Junction to heatsink	At 180° sine double side cooled Clamping force 5.0KN				0.090	C /W	
F _m	Mounting force			3.3		5.5	KN	
T _{stg}	Stored temperature			-40		160	C	
W _t	Weight				50		g	
Outline	ZT19aT							

Outline



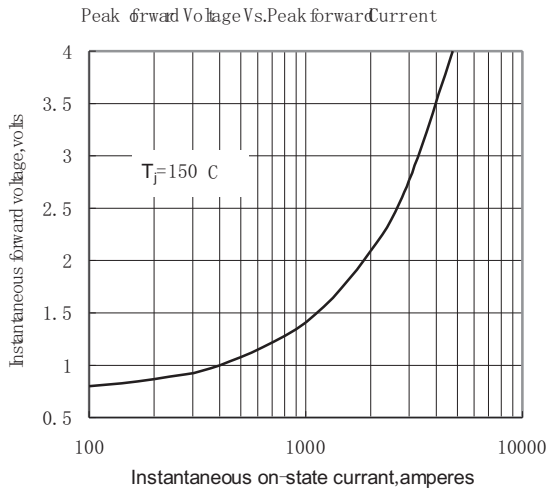


Fig. 1

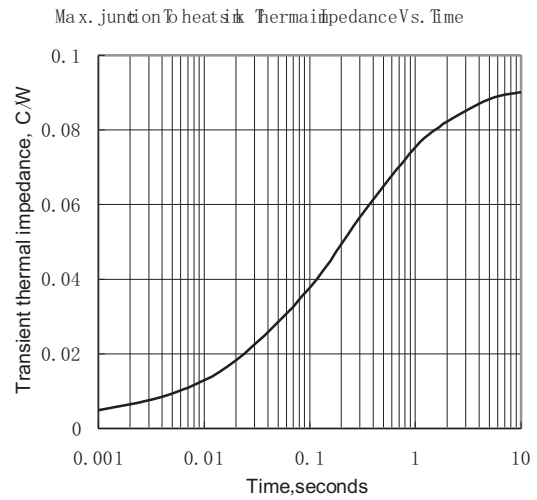


Fig. 2

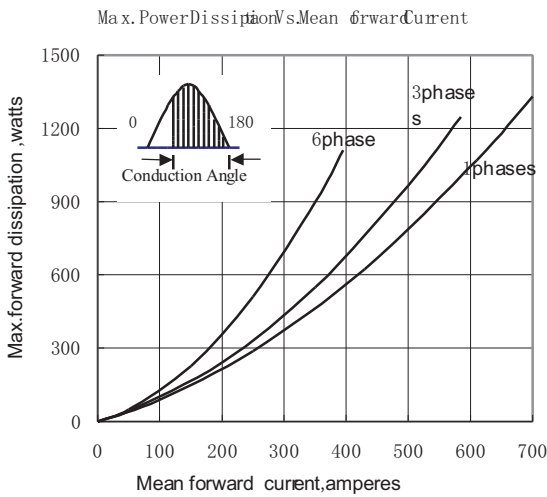


Fig. 3

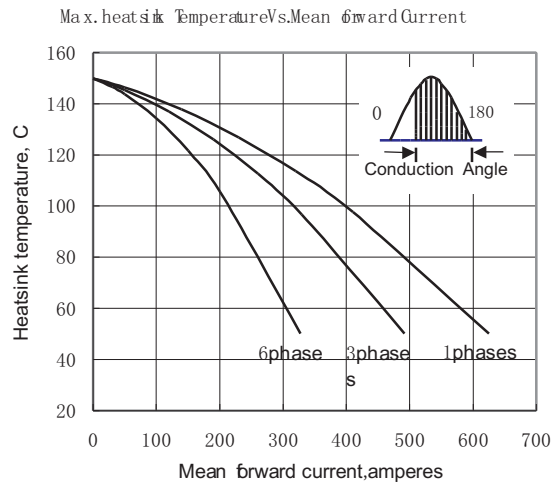


Fig. 4

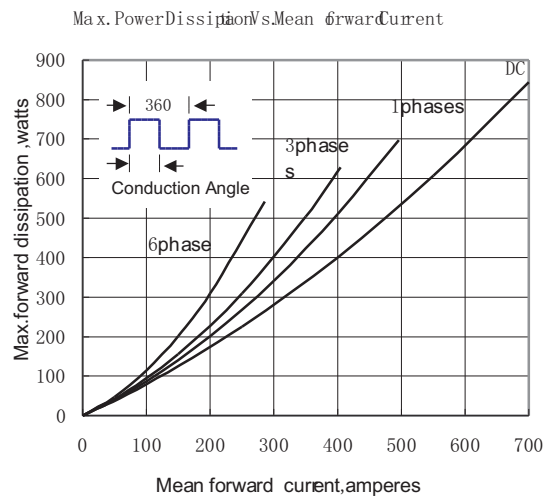


Fig. 5

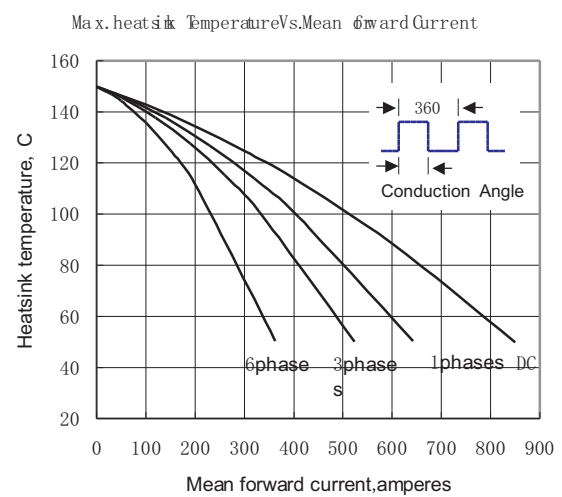


Fig. 6