



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：三相整流桥模块

产品型号：MDS60A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTRICAL CO., LTD.

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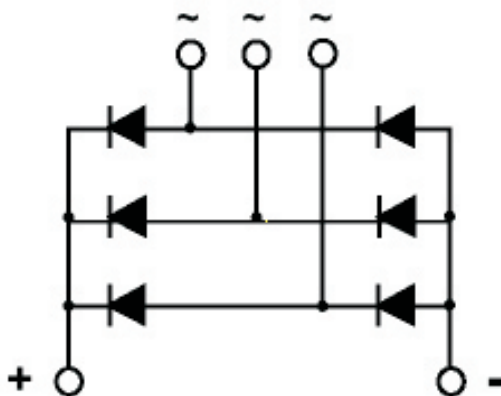
<http://www.zjxxdz1.com>

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 _O	DC output current	Three-phase full wave rectifying circuit, T _C =100 °C	150			60	A
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{DRM} &V _{RRM} +200V	150	600		2200	V
I _{RRM}	Repetitive peak current	at V _{RRM}	150			8	mA
I _{FSM}	Surge forward current	10ms half sinewave	150			0.8	KA
I ² t	I ² T for fusing coordination	V _R =0.6V _{RRM}				3.2	A ² s*10 ³
V _{FO}	Threshold voltage		150			0.80	V
r _F	Forward slop resistance					7.0	mΩ
V _{FM}	Peak forward voltage	I _{FM} =60A	25			1.1	V
R _{th(j-c)}	Thermal resistance Junction to heatsink	Single side cooled				0.320	°C /W
V _{iso}	Isolation voltage	50Hz, RM. S, t=1min, i _{so} : 1mA (max)		2500			V
F _m	Terminal connection torque(M5)				2.0		N.m
	Mounting torque(M6)				3.0		N.m
T _{stg}	Stored temperature			-40		125	°C
W _t	Weight				154		g
Outline							

OUTLINE DRAWING & CIRCUIT DIAGRAM



Rating and Characteristic

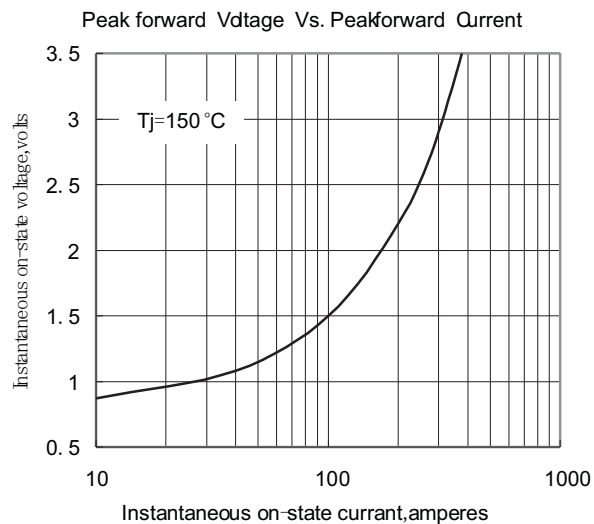


Fig. 1

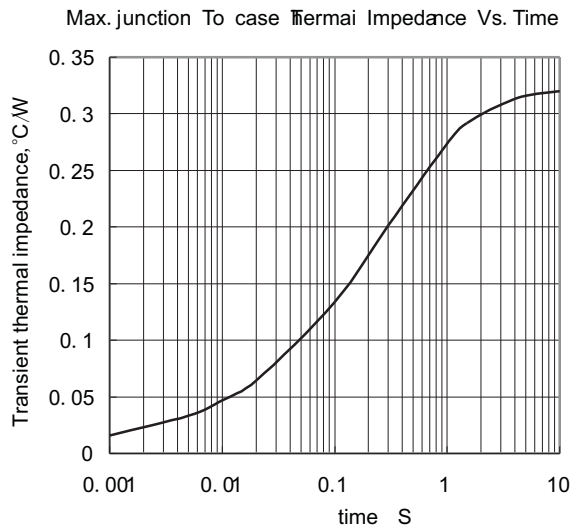


Fig. 2

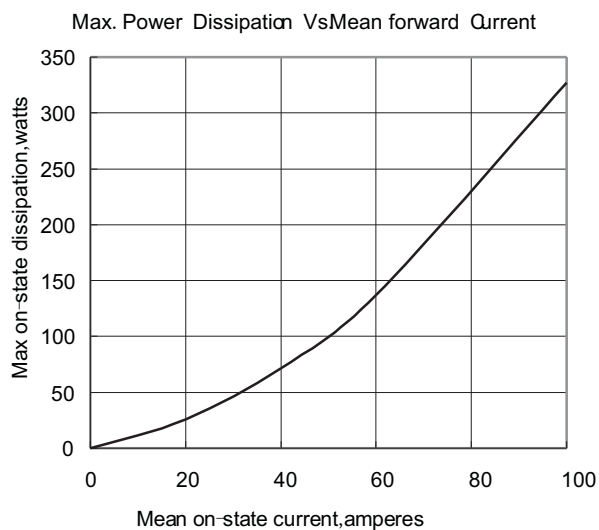


Fig. 3

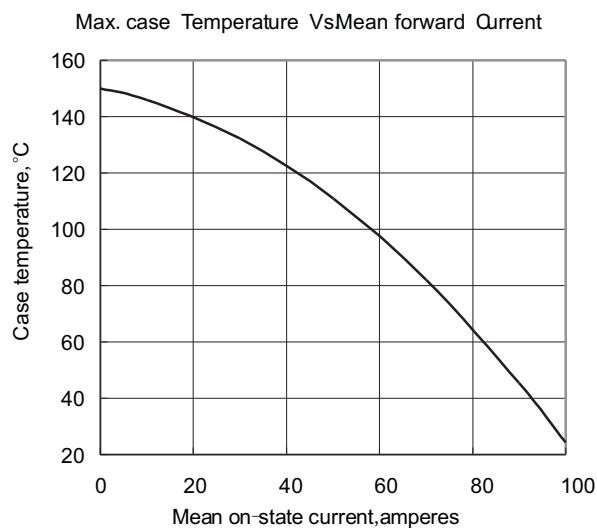


Fig. 4

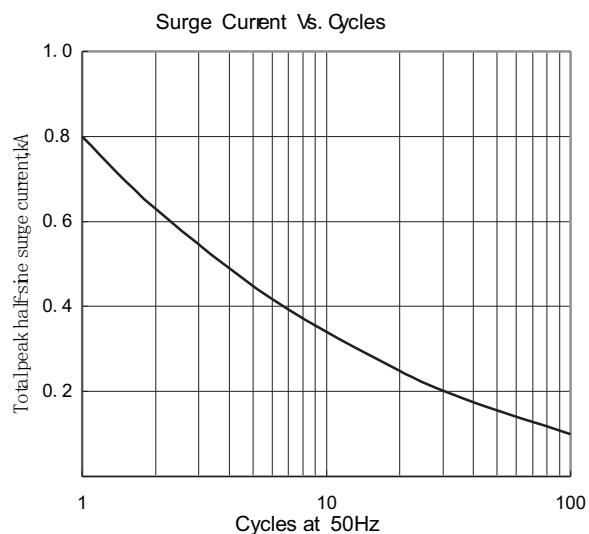


Fig. 5

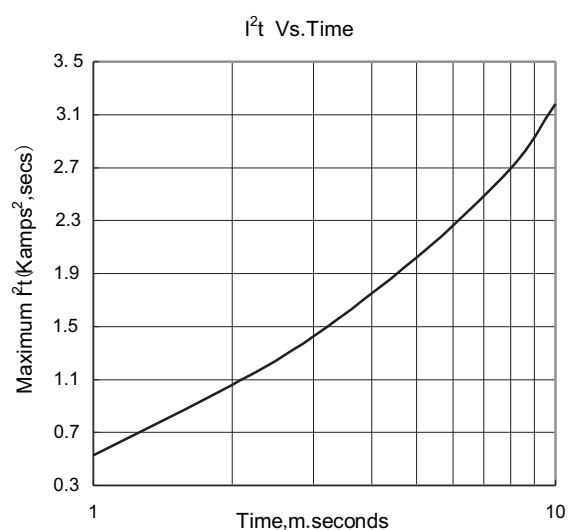


Fig. 6

The technical drawing consists of two views of a mechanical component:

- Front View (Top):** Shows a rectangular base with a width of 68 mm and a total height of 24.5 mm. The base has a thickness of 1 mm. There are two vertical slots, each 6.5 mm wide, located near the ends. Two hexagonal bolt heads are visible on top, spaced 15 mm apart from the center.
- Top View (Bottom):** Shows the plan view of the component. It has an overall width of 70 mm and a depth of 40 mm. The central mounting area is 47 mm wide and 23 mm deep. There are four hexagonal bolt holes arranged in a 2x2 grid, with a center-to-center distance of 15 mm between adjacent bolts. Two circular features, likely Ø5.5 holes, are located on the sides, spaced 19 mm apart from the centerline.

