

产品规格书

Specification of products

产品名称: 整流管模块

产品型号: MDK55A1600V公共极长螺丝

浙江世菱半导体有限公司
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SYMBOL	CHARACTERISTIC	TEST CONDI TIONS	T _j (°C)	VALUE			UNIT
				Min	Type	Max	
I _{F(AV)}	Mean forward current	180° half sinewave 50Hz Single side cooled, T _C =100°C	150			55	A
I _{F (RMS)}	RMS forward current	Single side cooled, T _C =100°C	150			86	A
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{DRM} &V _{RRM} +200V	150		1600		V
I _{RRM}	Repetitive peak current	at V _{RRM}	150			8	mA
I _{FSM}	Surge forward current	10ms half sinewave	150			1.30	KA
I ² t	I ² T for fusing coordination	V _R =0.6V _{RRM}					8.6
V _{FO}	Threshold voltage		150			0.80	V
r _F	Forward slop resistance						3.47
V _{FM}	Peak forward voltage	I _M =165A	25			1.10	V
R _{th(j-c)}	Thermal resistance Junction to heatsink	At 180° sine Single side cooled				0.700	°C /W
V _{iso}	Isolation voltage	50Hz, RM. S, t=1min, I _{iso} : 1mA (max)		2500			V
F _m	Terminal connection torque (M5)				4.0		N.m
	Mounting torque (M6)				5.0		N.m
T _{stg}	Stored temperature			-40		125	°C
W _t	Weight				110		g
Outline							

OUTLINE DRAWING & CIRCUIT DIAGRAM



Rating and Characteristic

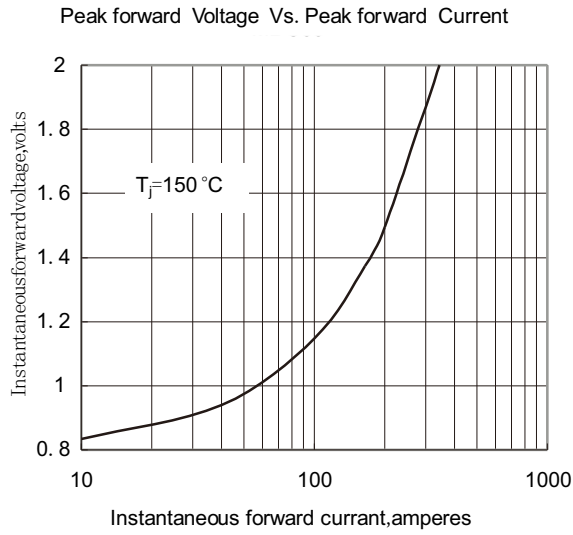


Fig. 1

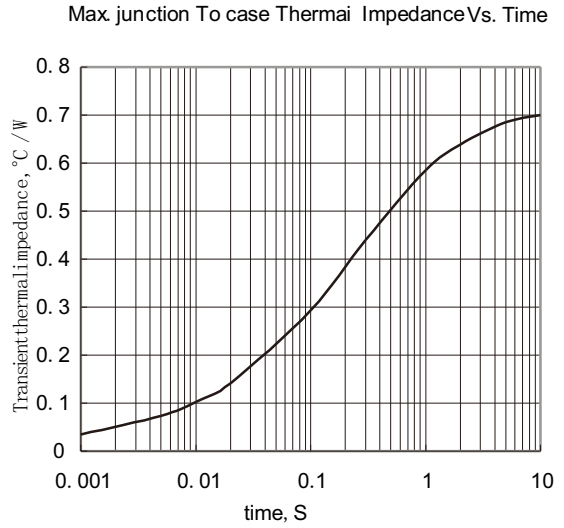


Fig. 2

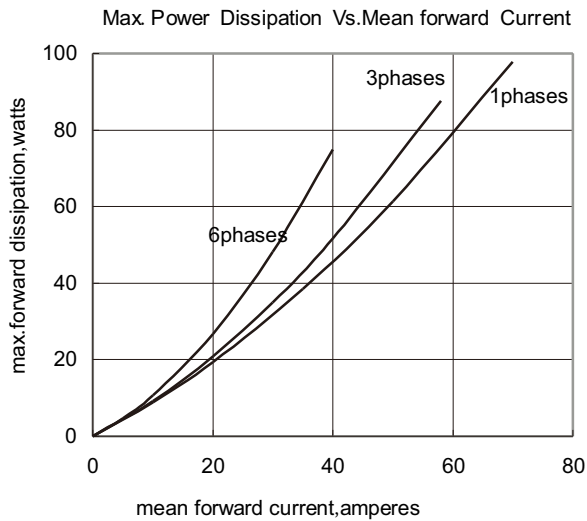


Fig. 3

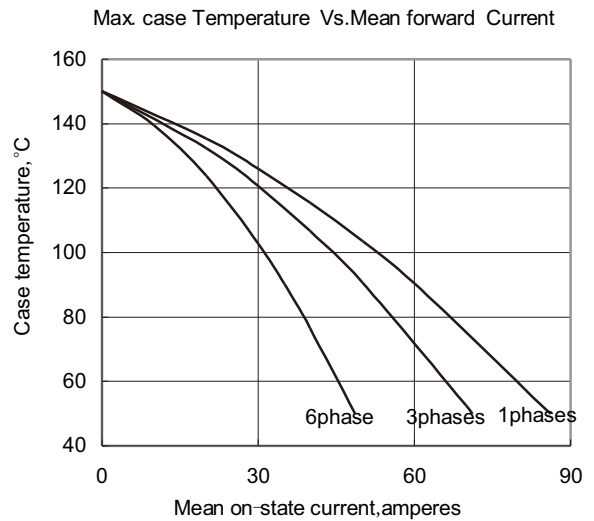


Fig. 4

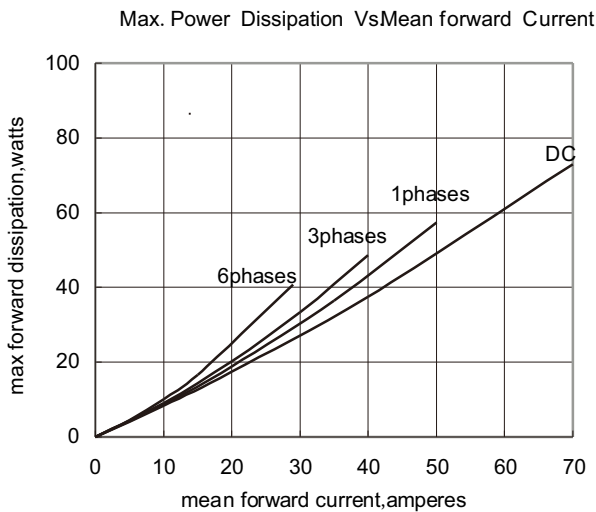


Fig. 5

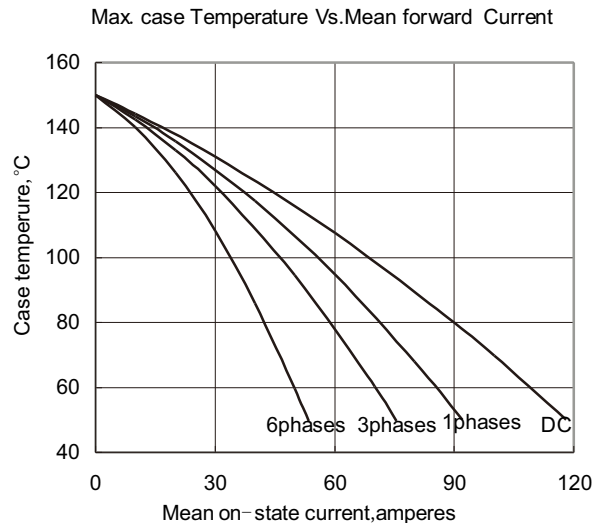


Fig. 6

Outside Dimension

