SHI LING®

ZHEJIANG SHILING SEMICONDUCTOR CO.,LTD.

Specifcation of products

ZHEJIANG SHILING SEMICONDUCTOR CO.,LTD.

0578 3615066

323000

SYMBOL	CHARACTERISTIC	TEST CONDITIONS	T_j(°C)	VALUE			UNIT
				Min	Type	Max	
I_O	DC output current	Single-phase full wave rectifying circuit, T_C=100℃	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 sine wave V_R=0.6V_{RRM}	150			1.00	KA
I^2t	I^2T for fusing coordination					5.1	A^2s*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				V
$R_{th(j-c)}$	Thermal resistance Junction to heatsink	Single side cooled				0.320	°C /W
V_{iso}	Isolation voltage	50Hz, R.M.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						g

OUTLINE DRAWING & CIRCUIT DIAGRAM

Rating and Characteristic

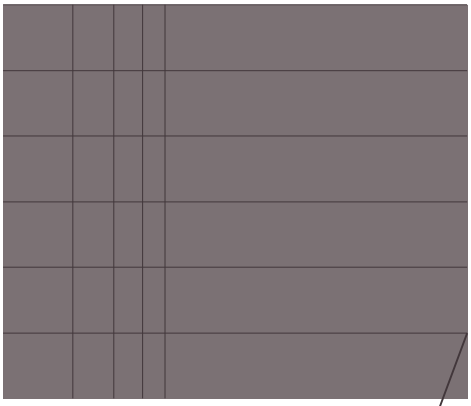


Fig. 1

Fig. 2

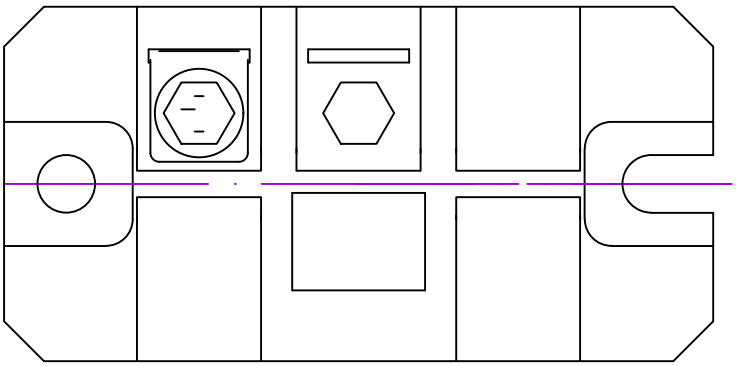
Fig. 3

Fig. 4

Fig. 5

Fig. 6

Outside Dimension



Dimensions (mm)