Features：

- **n** Isolated mounting base 2500V~
- **n** Solder joint technology with Increased power cycling capability
- **n** Space and weight savings

Typical Applications

- **n** DC Power supplies for equipments.
- **n** DC supply for PWM inverter
- **n** Inverter Welder

V_{RSM}	V_{RRM}	Type & Outline
900V	800V	MDQ150-08-234H5
1100V	1000V	MDQ150-10-234H5
1300V	1200V	MDQ150-12-234H5
1500V	1400V	MDQ150-14-234H5
1700V	1600V	MDQ150-16-234H5
1900V	1800V	MDQ150-18-234H5

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°C	150			150	A
I_{RRM}	Repetitive peak current	at V_{RRM}	150			12	mA
I_{FSM}	Surge forward current	10ms half sine wave V_R=0	150			1.5	KA
I^2t	I^2T for fusing coordination					11.25	A^2s*10^3
V_{FO}	Threshold voltage		150			0.75	V
r_F	Forward slop resistance					1.9	mW
V_{FM}	Peak forward voltage	I_{FM}=230A	25			1.55	V
$R_{th(j-c)}$	Thermal resistance Junction to case	Single side cooled, per total				0.10	°C /W
$R_{th(c-h)}$	Thermal resistance case to heatsink	Single side cooled, per total				0.07	°C /W
V_{iso}	Isolation voltage	50Hz,R.M.S,t=1min,I_{iso}:1mA(max)		2500			V
F_m	Terminal connection torque(M6)				6.0		N·m
	Mounting torque(M6)				6.0		N·m
T_{stg}	Stored temperature			-40		125	°C
W_t	Weight				200		g
Outline	234H5						

TECHSEM

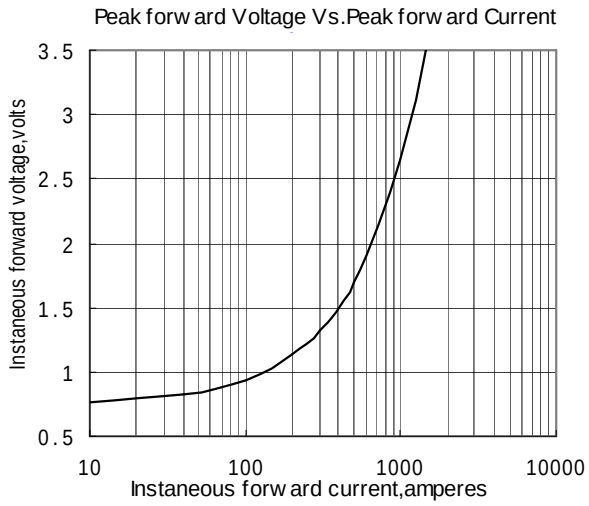

Fig.1

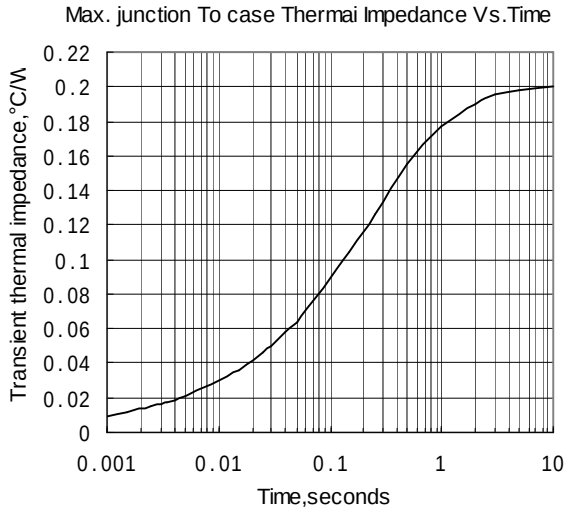

Fig.2

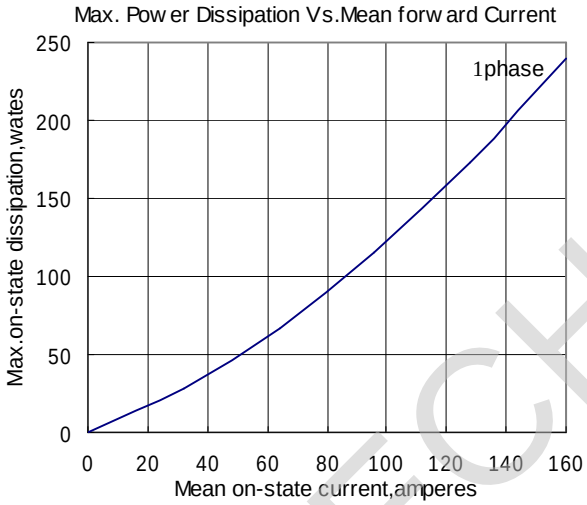

Fig.3

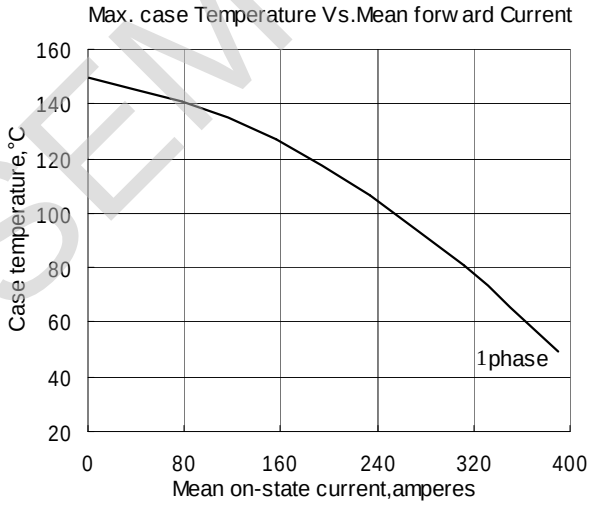

Fig.4

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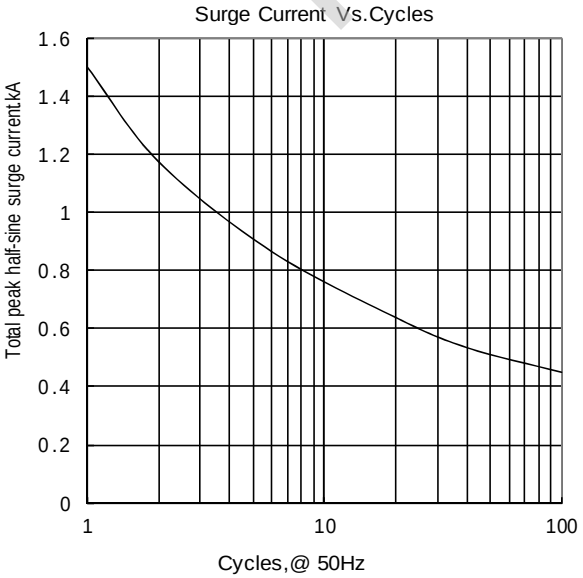


Fig.5

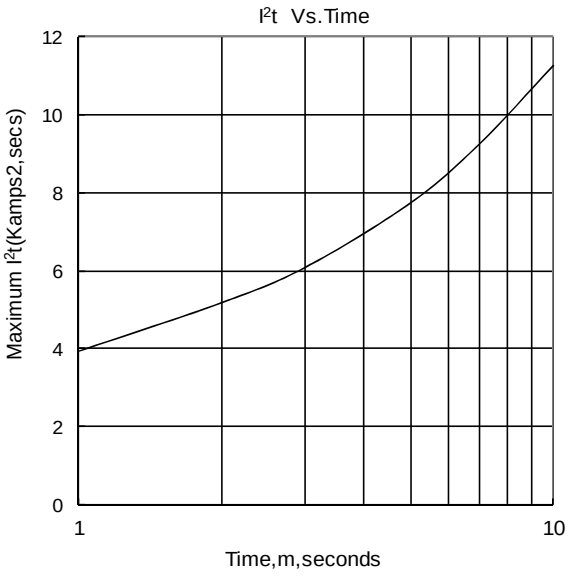
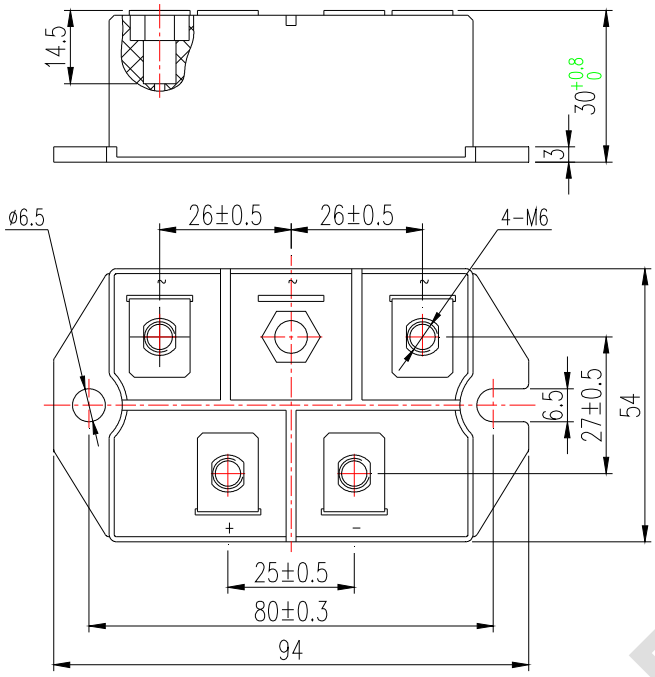
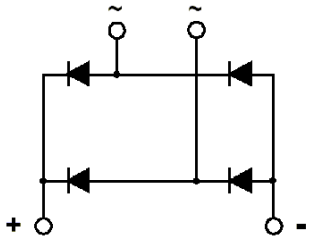


Fig.6

Outline:





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