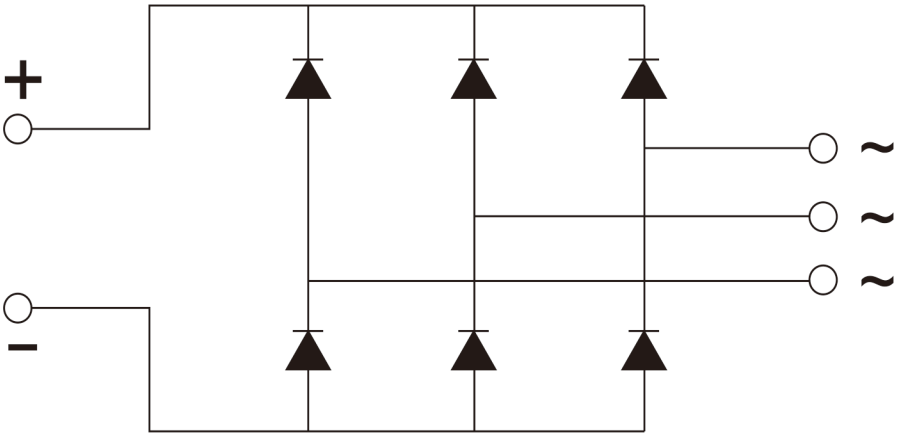
SYMBOL	CHARACTERISTIC	TEST CONDTIONS	T_j (℃)	VALUE			UNIT
				Min	Type	Max	
I_O	DC output current	Three-phase full wave rectifying circuit, T_C=100 °C	150			50	A
V_{RRM}	Repetitive peak reverse voltage	V_{RRM} tp=10ms V_{RSM}= V_{DRM}&V_{RRM}+200V	150	800		2200	V
I_{RRM}	Repetitive peak current	at V_{RRM}	150			6	mA
I_{FSM}	Surge forward current	10ms half sine wave V_R=0. 6V_{RRM}	150			0. 43	KA
I^2t	I^2T for fusing coordination					1.10	A^2s*10^3
V_{FO}	Threshold voltage		150			0. 70	V
r_F	Forward slop resistance					6. 0	mΩ
V_{FM}	Peak forward voltage	I_{FM}=50A	25			1.10	V
$R_{th(j-c)}$	Thermal resistance Junction to heatsink	Single side cooled				0. 75	°C /W
V_{iso}	Isolation voltage	50Hz, RM. S, t=1min, I_{iso}: 1mA (max)		2500			V
F_m	Terminal connection torque						N.m
	Mounting torque(M5)				3.0		N.m
T_{stg}	Stored temperature			-40		125	°C
W_t	Weight				107		g
Outline							

OUTLINE DR AWING & CIRCUIT DIAGRA M



Rating and Characteristic

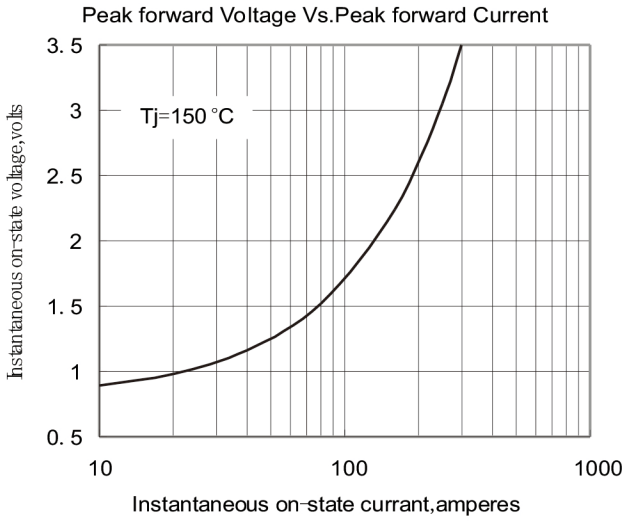


Fig. 1

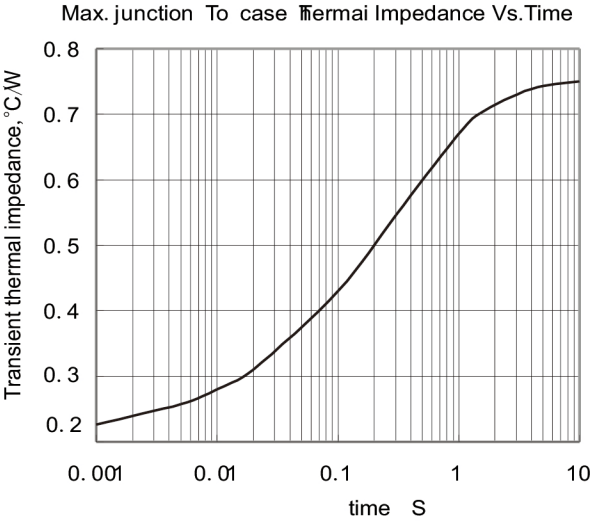


Fig. 2

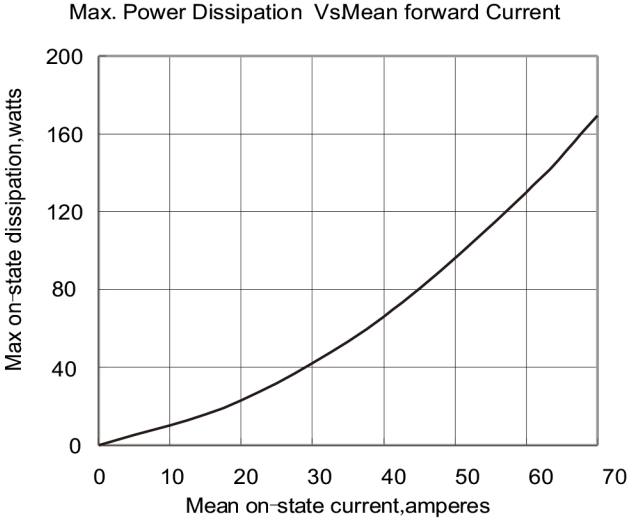


Fig. 3

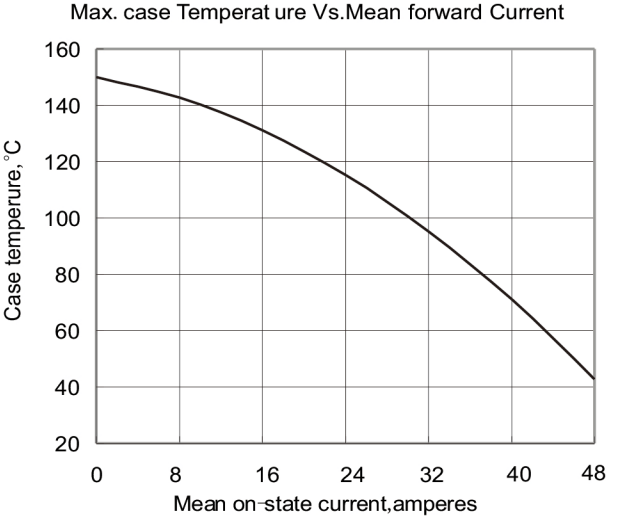


Fig. 4

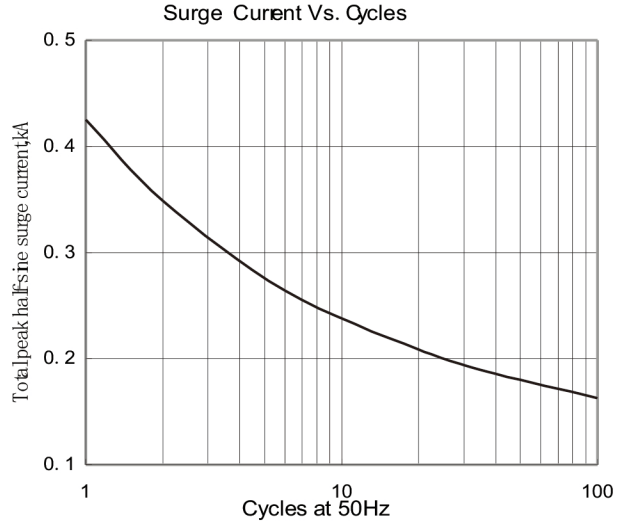


Fig. 5

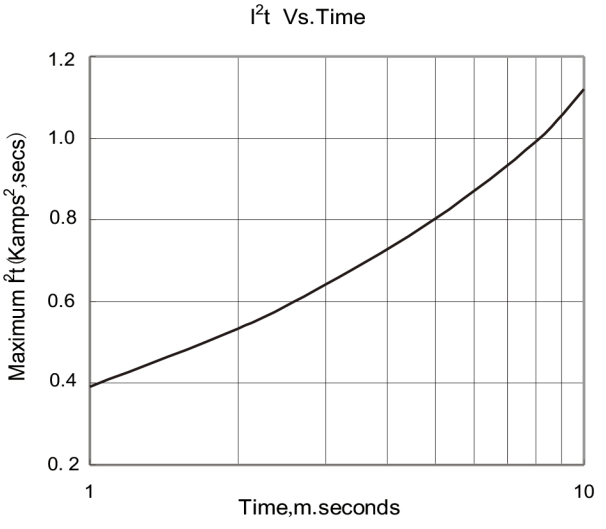


Fig. 6

Outside Dimension