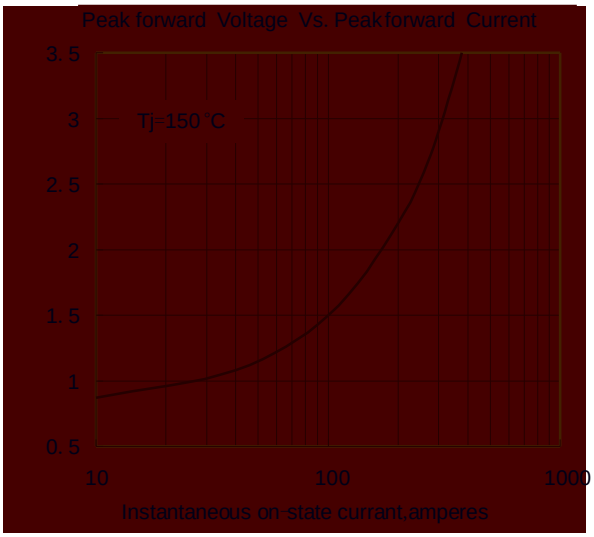
SYMBOL	CHARACTERISTIC	TEST CONDITIONS	T_j (℃)	VALUE			UNIT
				Min	Type	Max	
I_O	DC output current	Single-phase full wave rectifying circuit, T_C=100 °C	150			100	A
V_{RRM}	Repetitive peak reverse voltage	V_{RRM} tp=10ms V_{RSM}= V_{DRM}&V_{RRM}+200V	150	600		2200	V
I_{RRM}	Repetitive peak current	at V_{RRM}	150			8	mA
I_{FSM}	Surge forward current	10ms half sinewave 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}=100A	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, R.M.S, t=1min, I_{iso}: 1mA (max)		2500			V
	Terminal connection torque (M5)				4.0		N.m

OUTLINE DRAWING & CIRCUIT DIAGRAM

3`Q'c HR• 0 s

ÃÃ/Ê+d8â Gð c9â H— 61^ D™p c â K4¶â Bð 1Uâ K / Ôâ I— 62 D• 3ž Dì rƒâ Gð c9â I— 61^ D³Kn D/ ^ D° ð D / Öâ L#bhâ Gð cAâ N— 62 Dû4c/

Rating and Characteristic



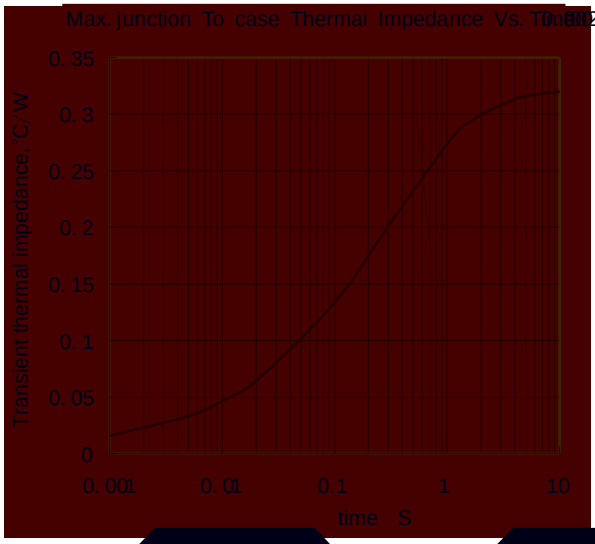


Fig. 1

Fig. 3

Fig.