	P_M	20	W
	V_p	0.5	kV

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Conditions	Value			Unit
		MIN	TYP	MAX	
I_{GT}	V_D=12V R_L=33Ω	-	-	20	mA
V_{GT}		-	-	1	V
V_{GD}	V_D=V_{DRM} T_j=125 R_L=3.3kΩ	0.2	-	-	V
I_L	I_G=1.2I_{GT}	-	-	70	mA
I_H	I_T=500mA	-	-	60	mA
dV/dt	V_D=540V gate open T_j=125	1000	-	-	V/μs
t_{gt}	I_G=200mA I_A=200mA I_R=20mA T_j=25	-	2	-	μs
t_{gt}		-	50	-	

STATIC CHARACTERISTICS

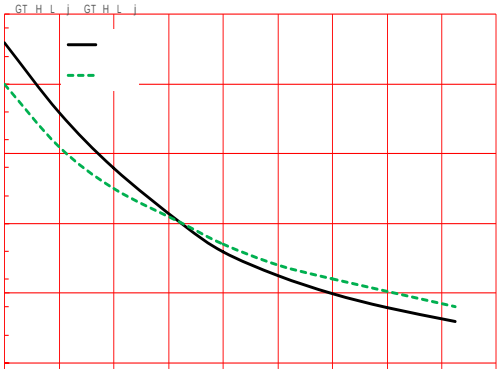
Symbol	Test Conditions		Value (MAX.)	Unit
V_{TM}	I_{TM}=50A t_p=380 μs	T_j=25	1.5	V
V_{to}	Threshold	T_j=125	1	V
R_D	Slope	T_j=125	9.3	mΩ
I_{DRM}	V_D=V_{DRM} V_R=V_{RRM}	T_j=25	5	μA
I_{RRM}		T_j=125	0.7	mA

THERMAL RESISTANCES

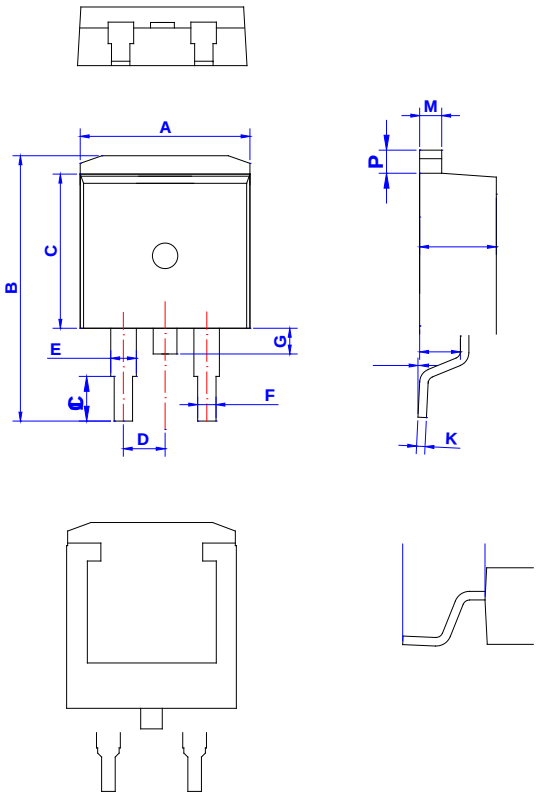
Symbol	Test Conditions	Value	Unit
R_{th}			

FI : G .1 FI .2:

Fl G .7:



PACKAGE MECHANICAL DATA



R						
A	9.90		10.20	0.390		0.402
B	14.70		15.80	0.579		0.622
C	9.40		9.60	0.370		0.378
D	2.40		2.70	0.094		0.106
E	1.20		1.50	0.047		0.059
F	0.75		0.85	0.029		0.033