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$P_{DM}$	$P_{DM}$	20	W
$V_p$ ( $f_j=25$ ; $\rho = 10^{-6}$ ; $\tau = 8$ )	$V_p$	0.5	V

**ELECTRICAL CHARACTERISTICS**

Symbol	Condition	Type			Unit
		M	P	N	
$I_G$	$V_D=12V$ $L=33$	-	-	20	A
$V_G$		-	-	1	V
$V_D$	$V_D=V_{DM}$ $T_j=125$ $R_L=3.3k$	0.2	-	-	V
$I_L$	$I_G=1.2A$	-	-	70	A
$I_H$	$I_T=500mA$	-	-	60	A
$t_{td}$	$V_D=540V$ $\rho = 10^{-6}$ $\tau_j=125$	1000	-	-	V s
$t_b$	$I_G=20A$ $I_A=200A$ $I_R=20A$ $T_j=25$	-	2	-	s
$t_b$		-	50	-	

**STATIC CHARACTERISTICS**

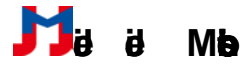
Symbol	Condition	Value	Unit
$V_{TM}$	$I_M=50A$ $t_p=380$ s $T_j=25$	1.5	V
$V_D$	$T_j=125$	1	V
$R_D$	$T_j=125$	9.3	
$I_{DM}$	$V_D=V_{DM}$ $V_R=V_{RM}$	5	A
$I_{RM}$		0.7	A

**THERMAL RESISTANCES**

Symbol	Condition	Value	Unit
$R_{\theta}$	$R_{\theta(j-c)}$	48	$^{\circ}C/W$



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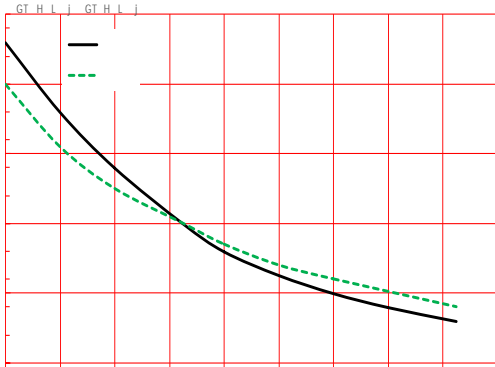


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FI : 000 G .1  
M - 00

FI M - 000 .2:  
m

FI 0.7: G  
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