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EMLD .

P_{Dmax}	P_D	20	W
$V_{GS}(j=25^\circ C; R_{DS(on)}=8\Omega)$	V_p	0.5	V

ELECTRICAL CHARACTERISTICS

Symbol	Condition	T _j			Unit
		M	25	MAX	
I_G	$V_D=12V, I_L=33\mu A$	-	-	20	μA
V_G		-	-	1	V
V_D	$V_D=V_{GS}, T_j=125^\circ C, R_L=3.3k\Omega$	0.2	-	-	V
I_L	$I_G=1.2\mu A$	-	-	70	μA
I_H	$I_T=500mA$	-	-	60	μA
$V_{DS(on)}$	$V_D=540V, T_j=125^\circ C$	1000	-	-	V
t_{on}	$I_G=20\mu A, I_A=200\mu A, I_R=20\mu A$	-	2	-	s
t_{off}		-	50	-	

STATIC CHARACTERISTICS

Symbol	Condition		MAX	Unit
V_{th}	$I_{th}=50A, t_p=380\mu s$	$T_j=25^\circ C$	1.5	V
V_{th}		$T_j=125^\circ C$	1	V
$R_{DS(on)}$		$T_j=125^\circ C$	9.3	Ω
$I_{DS(on)}$	$V_D=V_{DS(on)}, V_R=V_{RRMS}$	$T_j=25^\circ C$	5	A
$I_{DS(on)}$		$T_j=125^\circ C$	0.7	A

THERMAL RESISTANCES

Symbol	Condition	MAX	Unit
R_{th}	480W, 89mm ² (100mm ²)		$^\circ C/W$

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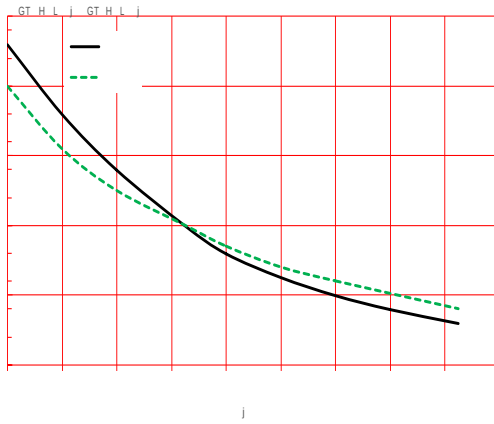
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