



M>8'8, ; \$(<< E'

.....'B!7 \UbbY`9b \UbWY a Ybh' AcXY' :]Y`X'9ZZYWh'HfUbg]ghcf''''

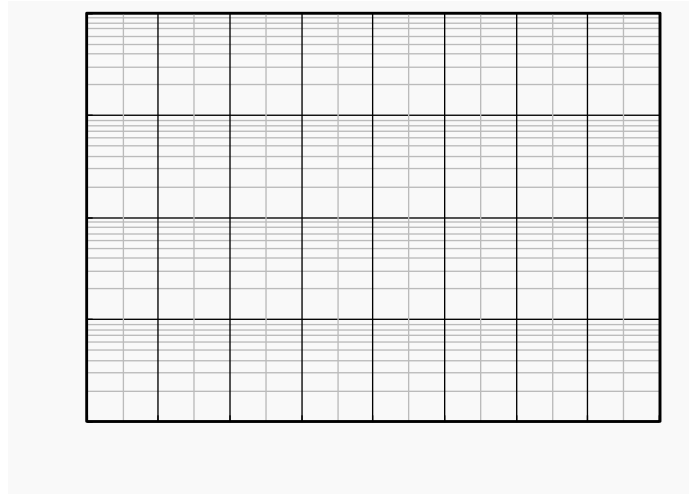
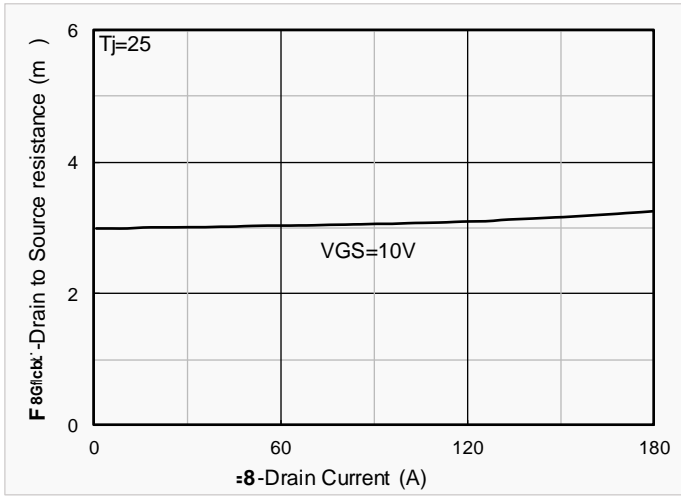
DfcXiWh'Gi a a Ufm'

V_{DS} 40V
 I_D 100A
 $R_{DS(ON)}$ (at $V_{GS}=10V$) Parameter

			Limit	Unit		
Drain-source Voltage			V_{DS}	40	V	
Gate-source Voltage			V_{GS}	±20	V	
Continuous Drain Current (Note 1,2)	Steady-State	$T_A=25$	I_D	19	A	
		$T_A=100$		13		
Continuous Drain Current (Note 1,3)	Steady-State	$T_C=25$		100		
		$T_C=100$		70		
Pulsed Drain Current	$T_C=25$, $t_p=100\mu s$		I_{DM}	400	A	
Avalanche energy			$V_G=10V, R_G=25$, $L=0.5mH, I_{AS}=25.4A$	EAS	161.29	mJ
Total Power Dissipation (Note 1,2)	Steady-State	$T_A=25$	P_D	2.7	W	
		$T_A=100$		1.3		
Total Power Dissipation (Note 1,3)	Steady-State					



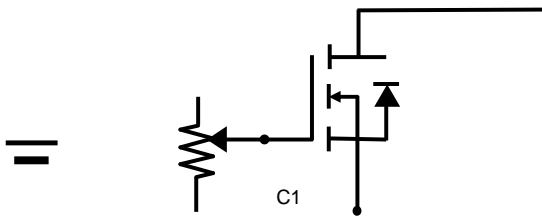
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M>8'8, ; \$(<< E





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HC!&)&!6'DUW_U[Y']bZcf a Uh]cb

SYMBOL	b MIN. 0.000
A2	
b	0.030
c	
D	
D2	
E	
E1	

< - ' ' * + + 4

<DQJJKRX <DQJMLH (OHFWURQL