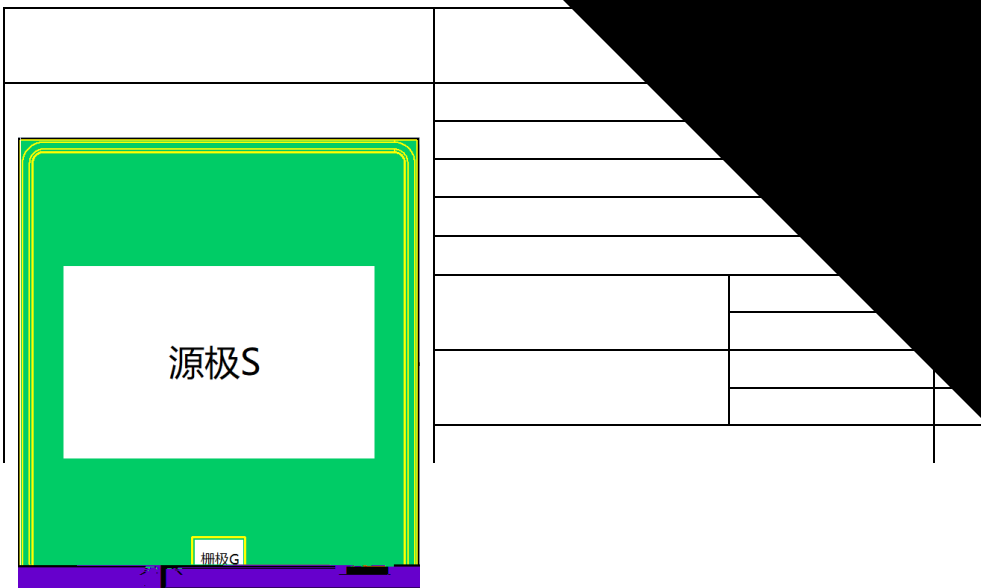


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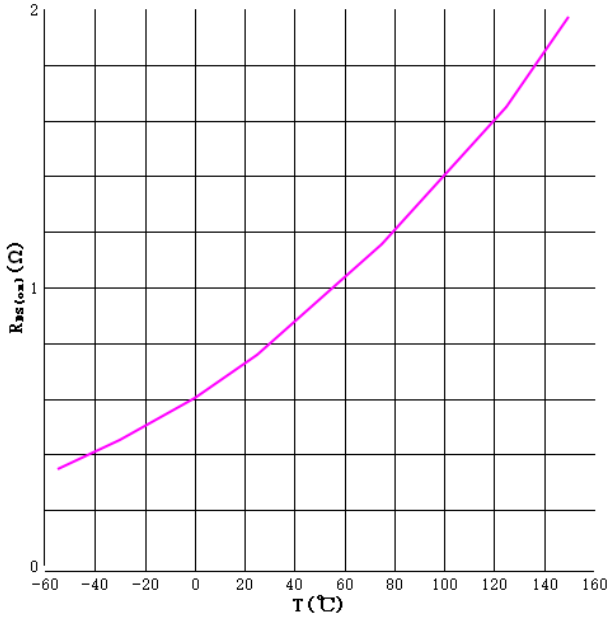


	<b>S2XM3817N650L</b>		
	<b>VDMOS</b>		

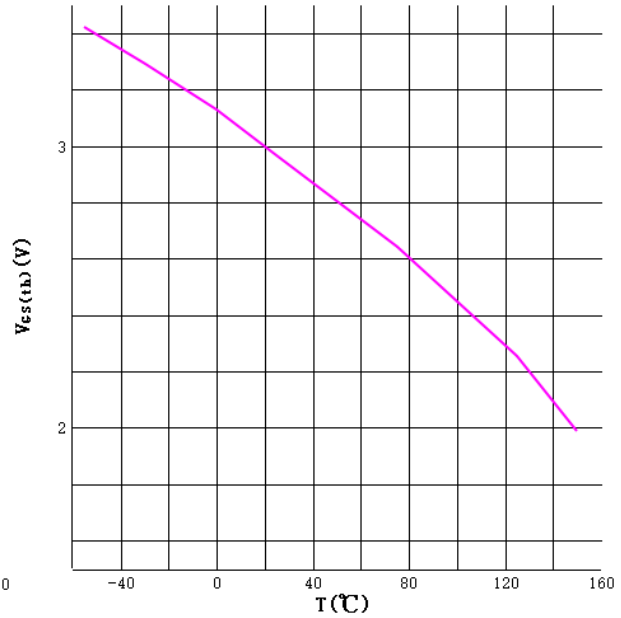
	$BV_{DSS}$	$V_{GS}=0V \quad I_D$	650	690	-	V
	$V_{TH}$	$V_{GS}=V_{DS} \quad I_D$	2	3	4	V
	$I_{DSS}$	$V_{DS}=650V \quad V_{GS}=0V$	-	-	1	
	$R_{DS(on)}$	$V_{GS}=10V \quad I_D=5.0A$	-	-	1.0	
	$I_{GSS}$	$V_{GS}=\pm 30V \quad V_{DS}=0V$	-	-	$\pm 100$	nA
	$V_{FSD}$	$I_S=10A \quad V_{GS}=0V$	-	-	1.03	V
	$g_{fs}$	$V_{DS}=15V, I_D=5A, dI_D=0.5A$	4	-	-	S
	$R_g$	$V_{DS}=0$				

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<b>VDMOS</b>			

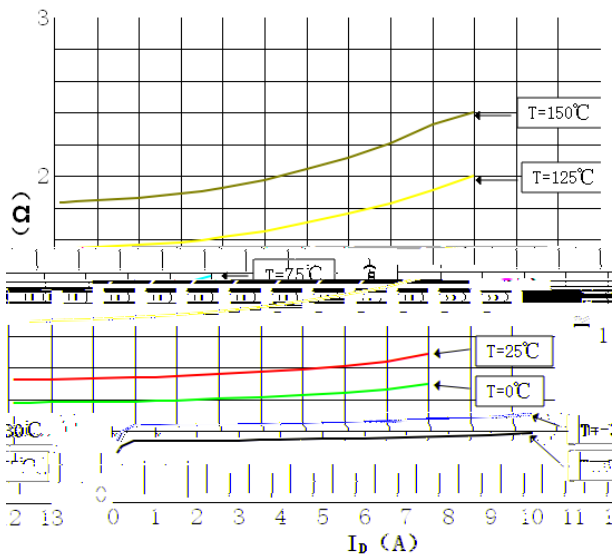
$R_{DS(on)}-T$  ( $V_{GS}=10V, I_D=5A$ )



$V_{GS(th)}-T$  ( $V_{DS}=V_{GS}, I_D=250\mu A$ )



$R_{DS(on)}-I_D$  ( $V_{GS}=10V$ )



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**S2XM3817N650L**  
**VDMOS**