		XS-M-002
	S2XM2505N600L	21-A4-05
	VDMOS	1/4

1

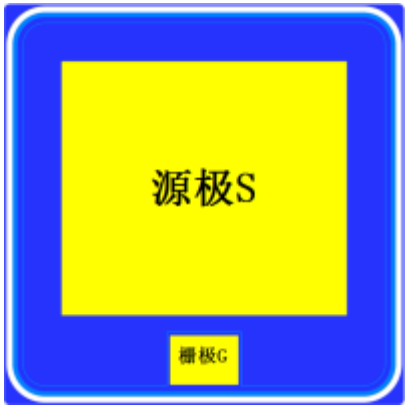
1.1

S2XM2505N600L N 600V VDMOS LED

1.2

600V, 4A N Channel
100%

2

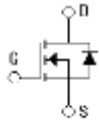
	()	2.505mm× 2.505mm	
		98.6mil × 98.6mil	
		150	
	/	2521	
	μm	260± 20	
	μm	60	
	(μm ²)	418× 300	
		1745× 1550	
		(μm)	4 ± 0.4
			100μm× 1 250μm× 1


3

()

3.1

T_{amb}= 25

	V _{DS}	600	V	T0-220 4N60 
	V _{GS}	± 30	V	
注1	I _D	4	A	
	I _{DM}	16	A	
注2	E _{AS}	180	mJ	
	T _J	-55 150		
	T _{stg}	-55 150		

			XS-M-002
	S2XM2505N600L		21-A4-05
	VDMOS		2/4

	P_{tot}	2	W	
--	-----------	---	---	--

1
2 $L=64\text{mH}, V_{DD}=100\text{V}, R_g$, $T_j=25$

3.2

$T_{amb}=25$

	BV_{DSS}	$V_{GS}=0\text{V}$	I_D	600	640	-
						V

531.3/ qT Q q 225.46



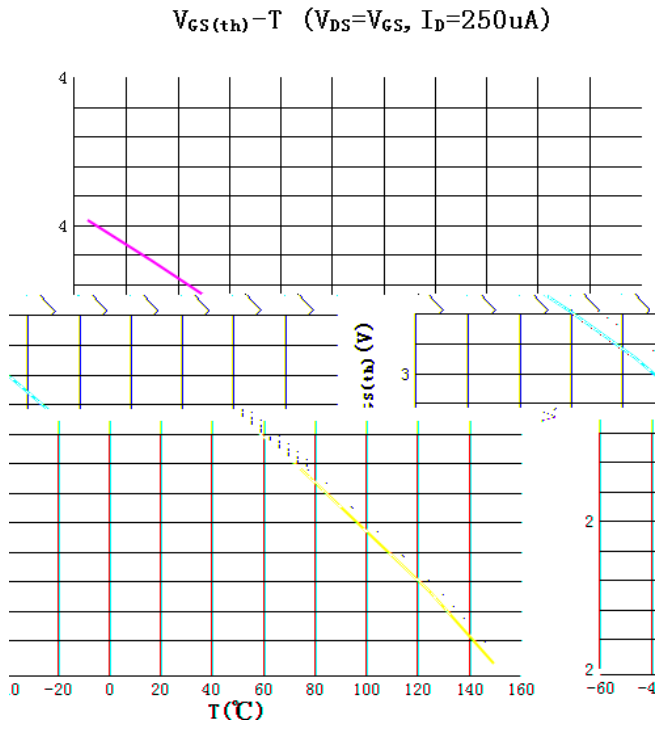
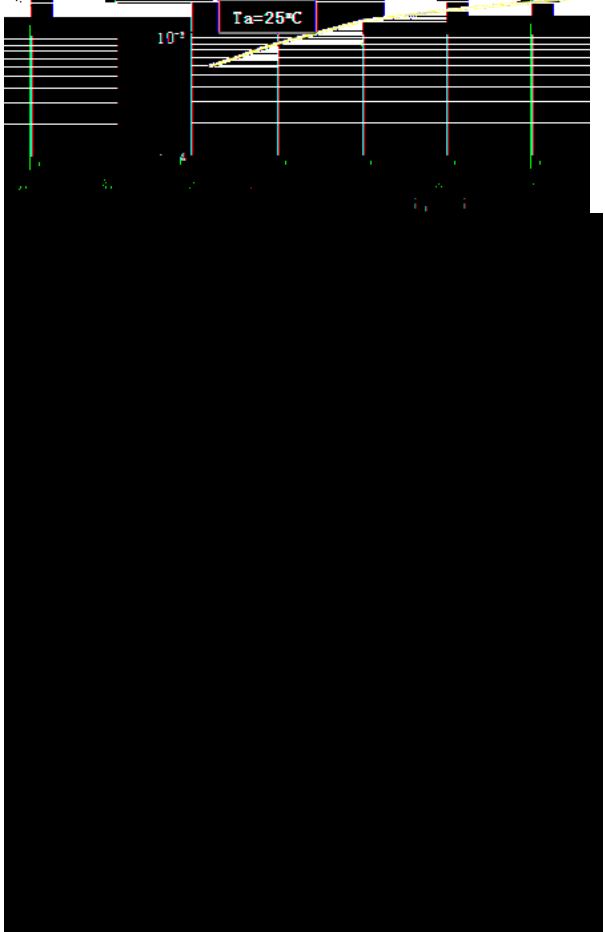
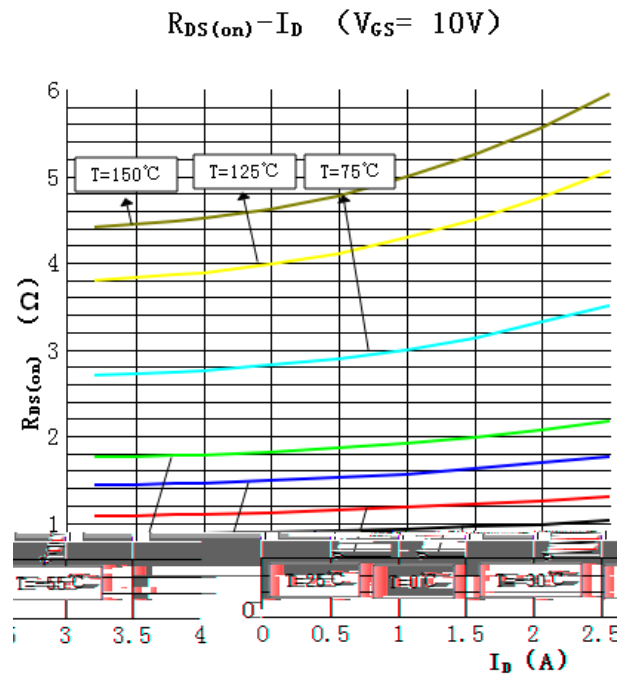
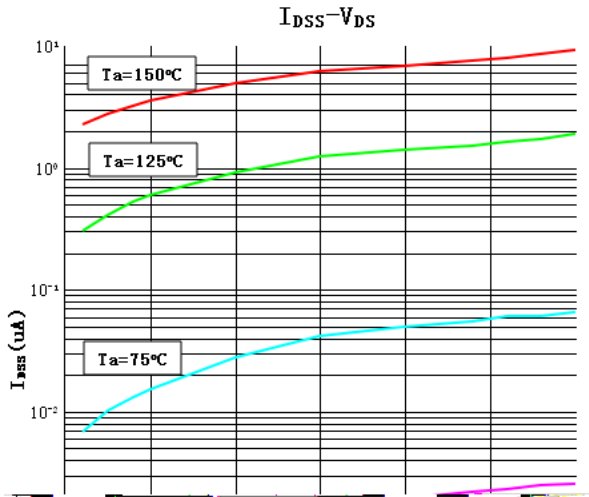
S2XM2505N600L


VDMOS

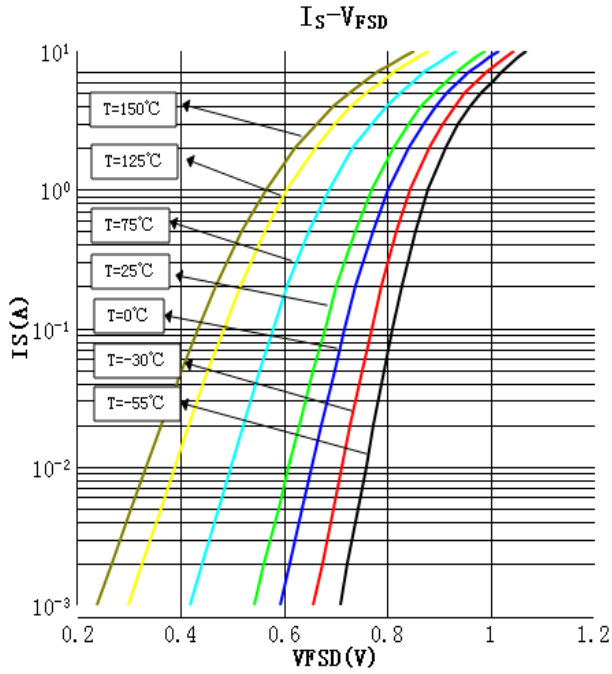
XS-M-002

21-A4-05

3/4



		XS-M-002
	S2XM2505N600L	21-A4-05
	VDMOS	4/4



-
-
-
-
-

25 ± 5

45%

ESD

CO₂

ESD