

	S2XM3818N500L		
	VDMOS		

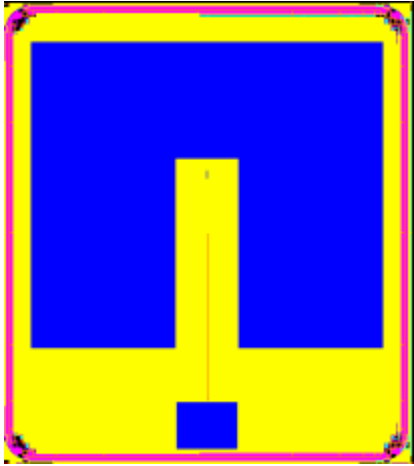
S2XM3818N500L

N

500V

VDMOS

LED

				
*	I_D			

	S2XM3818N500L		
	VDMOS		

	BV_{DSS}	$V_{GS}=0V \quad I_D$	500	540	-	V
	V_{TH}	$V_{GS}=V_{DS} \quad I_D$	2	3	4	V
	I_{DSS}	$V_{DS}=500V \quad V_{GS}=0V$	-	-	1	
	$R_{DS(on)}$	$V_{GS}=10V \quad I_D=5A$	-	0.49	0.7	
	I_{GSS}	$V_{GS}=\pm 30V \quad V_{DS}=0V$	-	-	± 100	nA
	V_{FSD}	$I_S=10A \quad V_{GS}=0V$	-	0.88	1.0	V
	g_{fs}	$V_{DS}=15V, I_D=5A, dI_D=0.5A$	5	-	-	S

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