

/ Descriptions

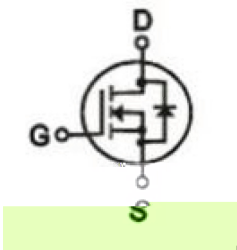
N-Channel MOSFET in a TOLL-8L Plastic Package .

/ Features

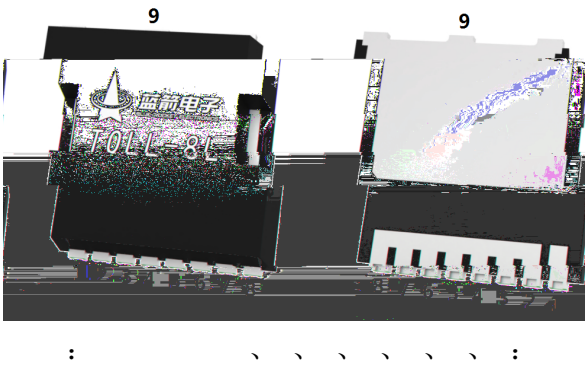
$\leq \quad \Omega \quad \Omega$

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(T_C=25)

	℃		
	℃		
		±	
	θ		/W
	θ		

/ Electrical Characteristics(T_a=25)

					±	
						Ω
		μ				
						Ω
		Ω				

/ Electrical Characteristic Curve

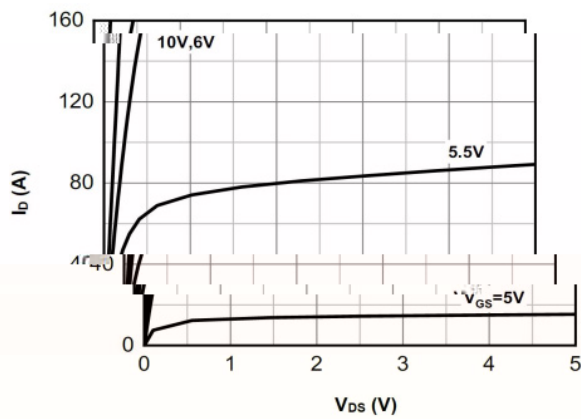


Figure 1 Output Characteristics

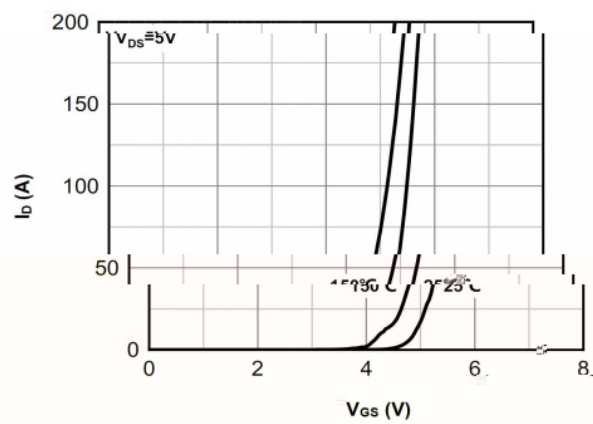


Figure 2 Transfer Characteristics

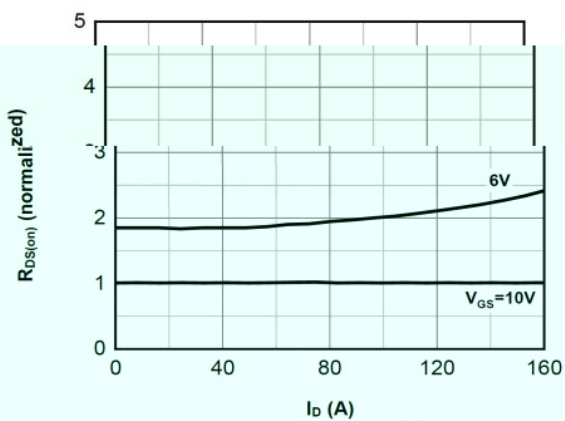


Figure 3 Rds(on) vs Id

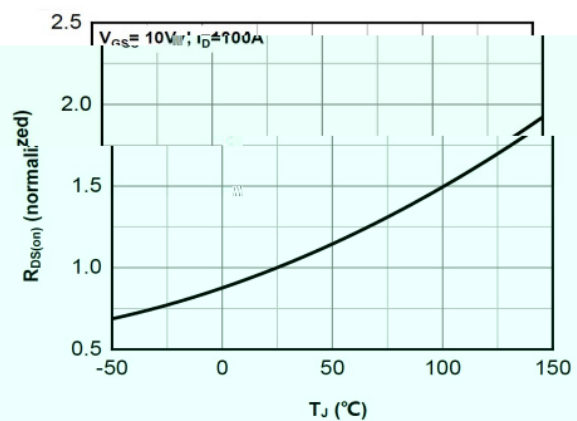


Figure 4 Rds(on) vs Tj

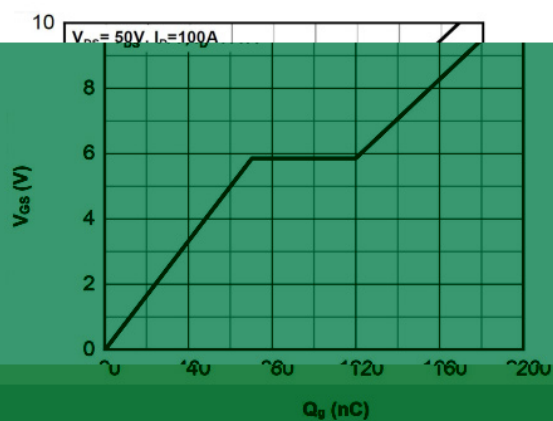


Figure 5 Gate Charge

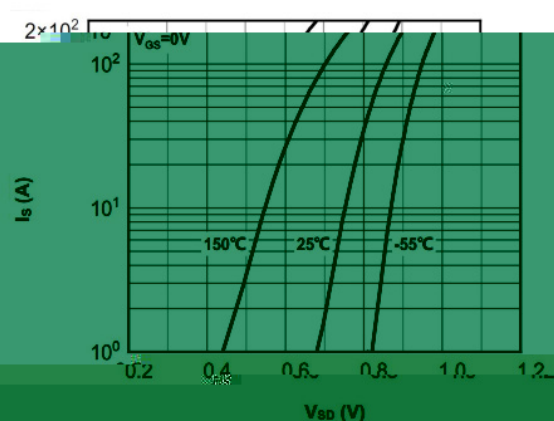
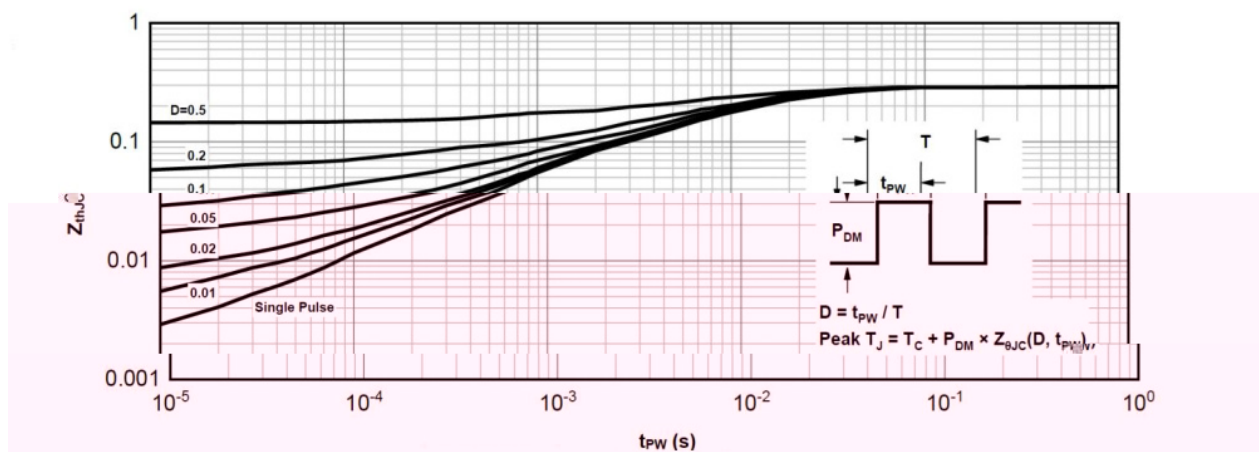
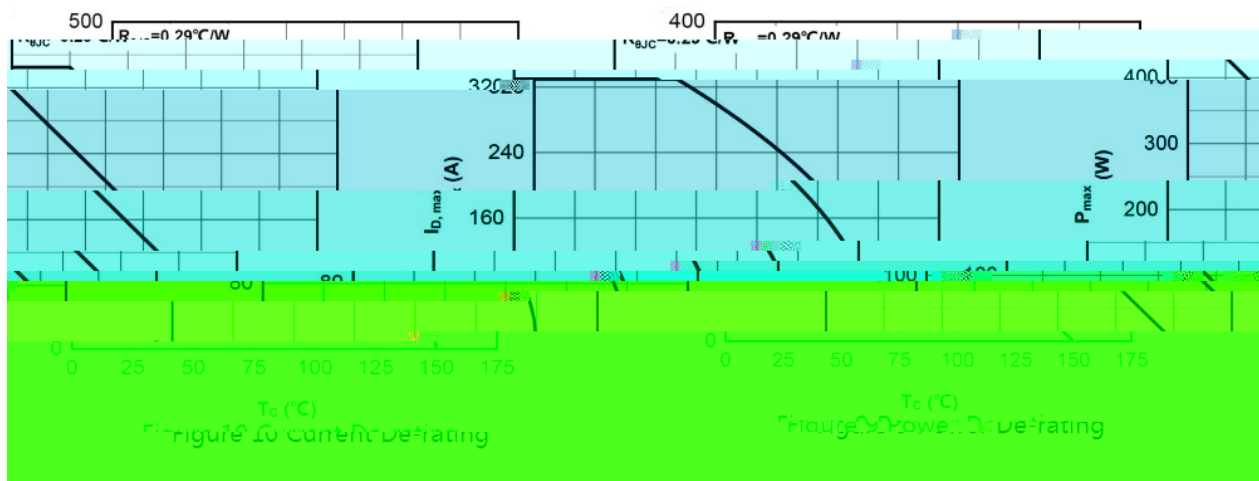
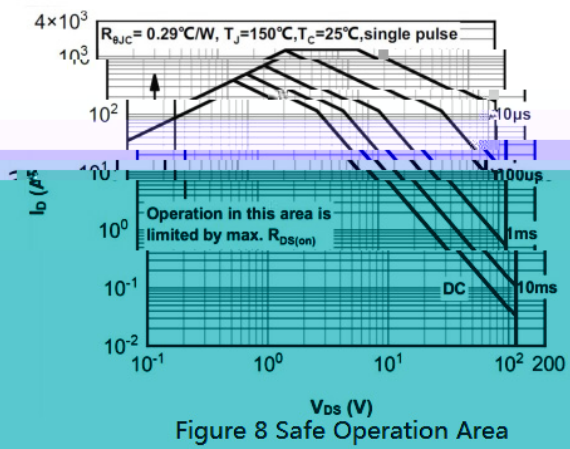
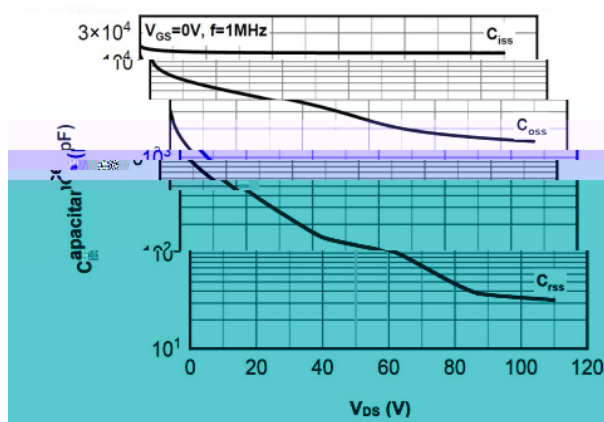
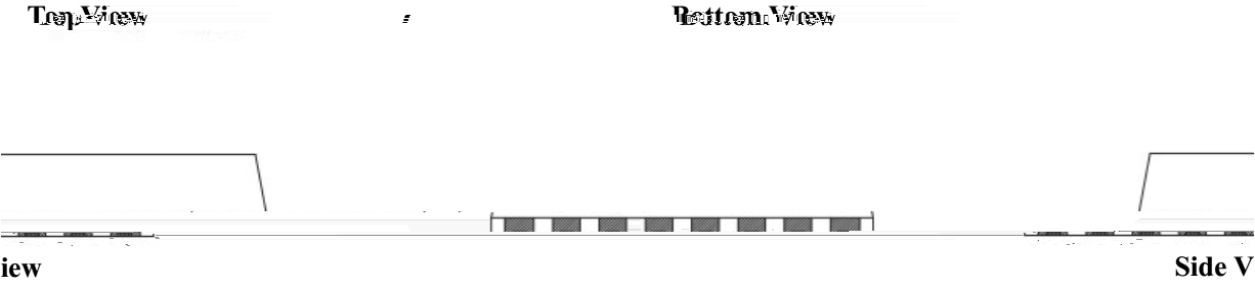
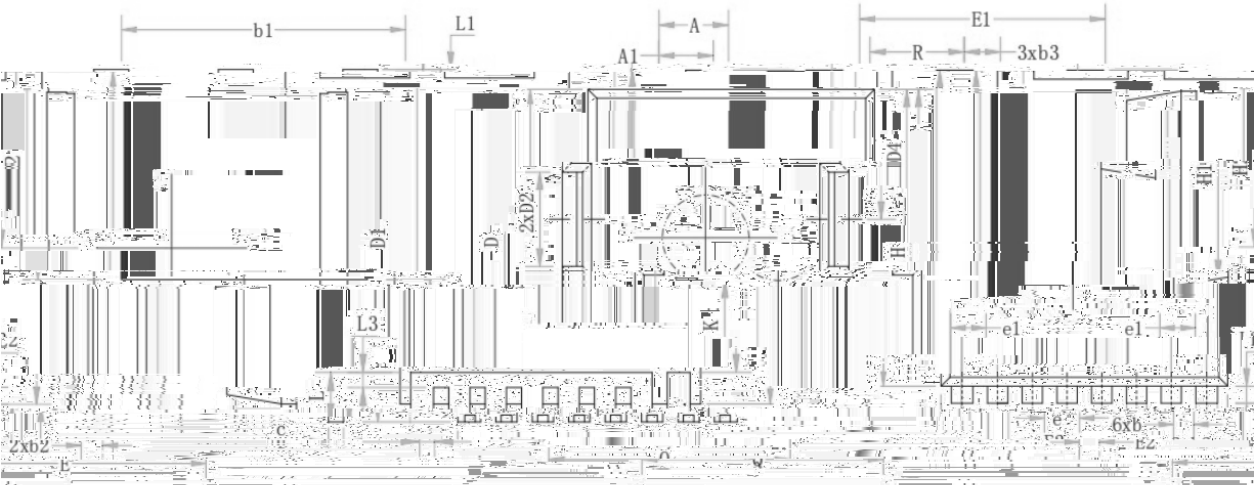


Figure 6 Source Drain Current

/ Electrical Characteristic Curve

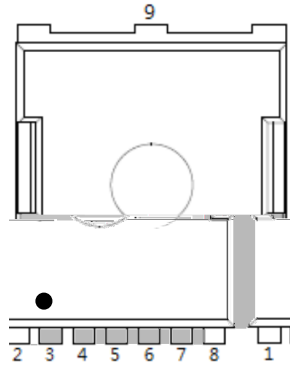


/ Package Dimensions



Symbol	Min	Typ	Max	Symbol	Min	Typ	Max
A	2.25	2.30	2.35	E	9.85	9.90	9.95
A1	1.75	1.80	1.85	E1	8.00	8.10	8.20
b	0.65	0.70	0.75	E2	0.65	0.70	0.75
b1	9.75	9.80	9.85	H1	11.60	11.70	11.80
b2	0.70	0.75	0.80	H1	6.95 BSC		
b3	1.15	1.20	1.25	H2	5.90 BSC		
c	0.45	0.50	0.55	K	3.10 REF		
D	10.35	10.40	10.45	L	1.55	1.65	1.75
D1	11.00	11.10	11.20	L1	0.65	0.70	0.75
D2	3.25	3.30	3.35	L2	0.50	0.60	0.70
D4	4.50	4.55	4.60	L3	0.40	0.50	0.60
e	1.20 BSC			Q	7.95 REF		
e1	1.225 BSC			R	3.00	3.10	3.20

/ Marking Instructions



BR

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

[illegible] $\pm$ $\pm$ $\pm$ $\pm$

/ Resistance to Soldering Heat Test Conditions

 $\pm$ $\pm$

/ Packaging SPEC.