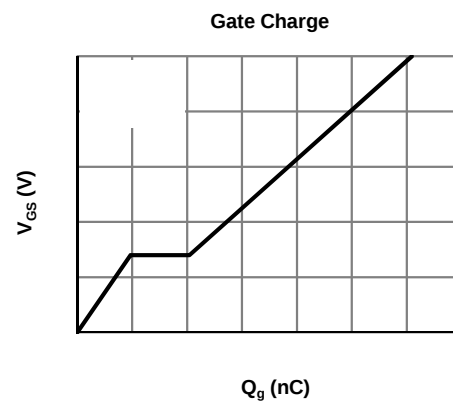




	Value	Unit

Absolute Maximum Ratings

A graph showing the relationship between the on-state drain-source resistance, $R_{DS(ON)}$ (in mΩ), and the gate-source voltage, V_{GS} (in V). The curve shows that $R_{DS(ON)}$ decreases sharply as V_{GS} increases from 0V to about 2.5V, and then levels off, approaching a constant value of approximately 1.5 mΩ for V_{GS} values above 2.5V.





Electrical Characteristics

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
STATIC PARAMETERS						
						A
		=				
DYNAMIC PARAMETERS ⁽⁵⁾						
SWITCHING PARAMETERS ⁽⁵⁾						
		/ s				
		/ s				

Thermal Performance

Parameter	Symbol	Typ.	Max.	Unit
≤				

Notes:

Typical Electrical & Thermal Characteristics

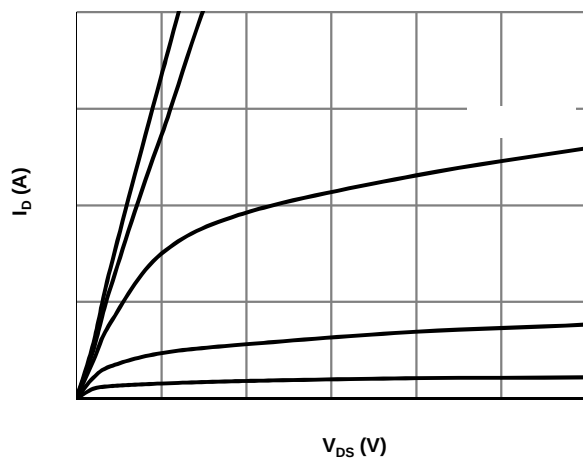
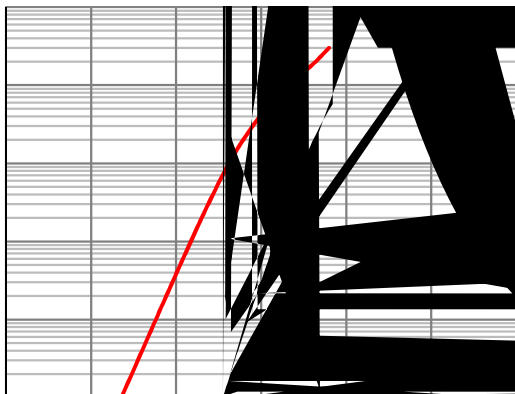


Figure 1: Saturation Characteristics





Typical Electrical & Thermal Characteristics

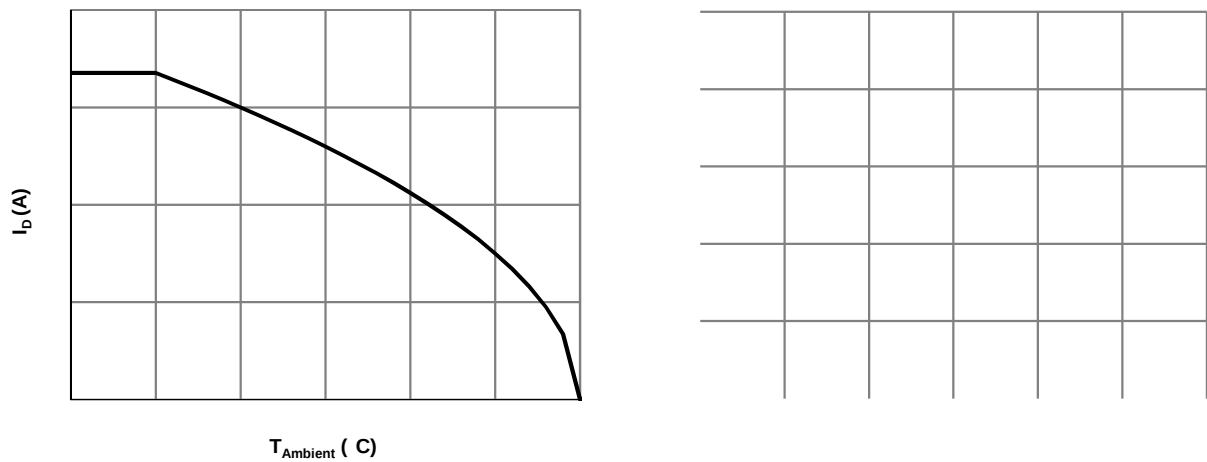


Figure 7: Current De-rating

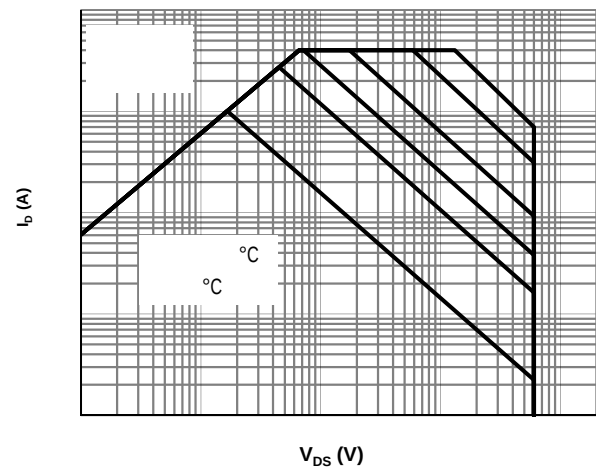
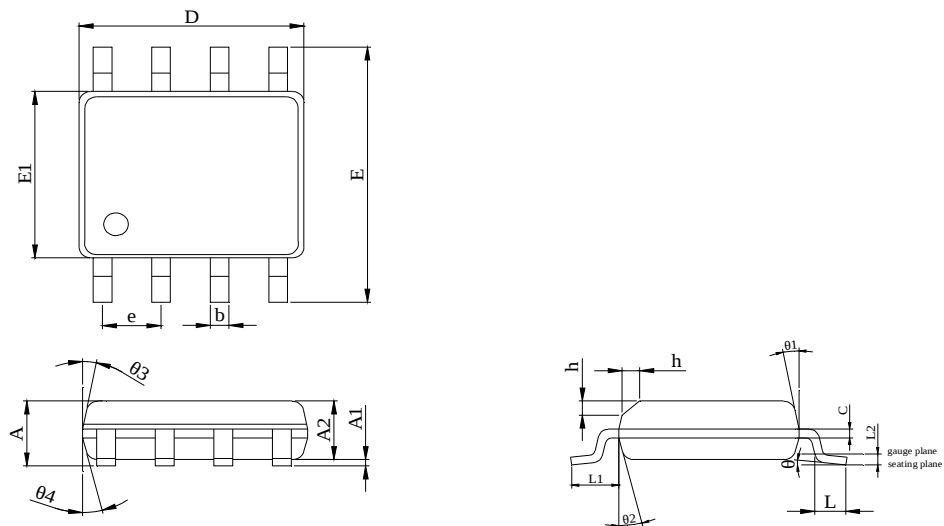


Figure 9: Maximum Safe Operating Area



SOP-8L Package Information

Package Outline



DIM	MILLIMETER		
	MIN.	NOM.	MAX.
A	1.35	1.50	1.65
A1	0.05	0.10	0.15
A2	1.35	1.40	1.50
b	0.38	--	0.50
c	0.17	--	0.25
D	4.80	4.90	5.00
E	5.80	6.00	6.20
E1	3.80	3.90	4.00

Recommend Soldering Footprint

