





# YJL094N06AJKQ

## Electrical Characteristics

Parameter	Symbol	Conditions	Min	Typ	Max	Units
<b>Static Parameter</b>						
Drain-Source Breakdown Voltage	$BV_{DSS}$	$V_{GS}=0V, I_D=250\text{ A}, T_J=25$	60	-	-	V
Zero Gate Voltage Drain Current	$I_{DSS}$	$V_{DS}=60V, V_{GS}=0V, T_J=25$	-	-	1	A



Typical Electrical and Thermal Characteristics Diagrams

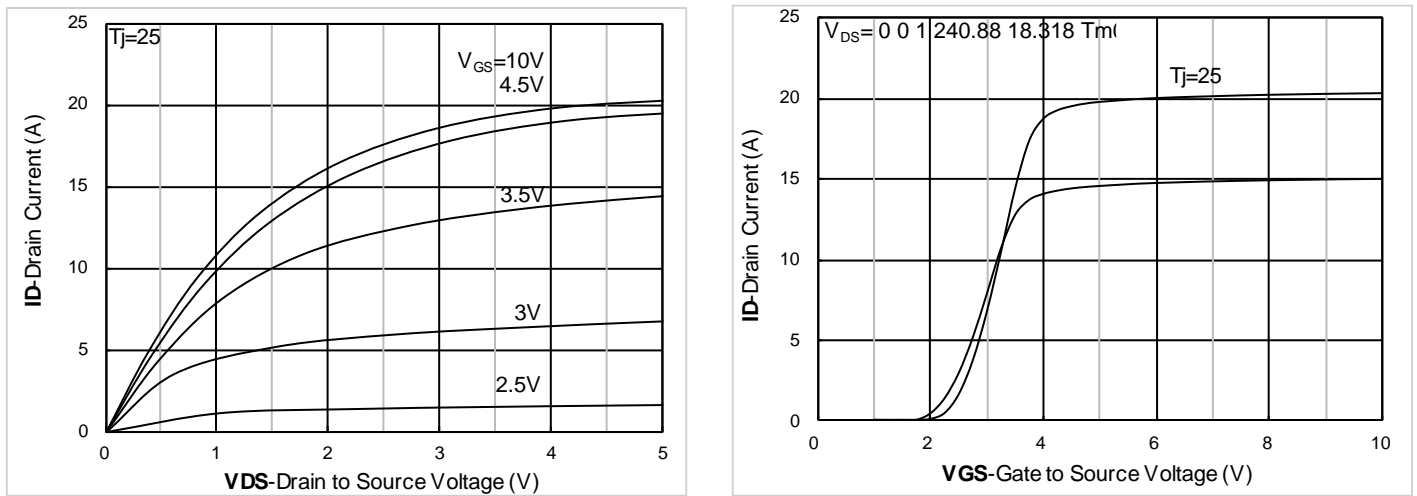


Figure 1. Output Characteristics;



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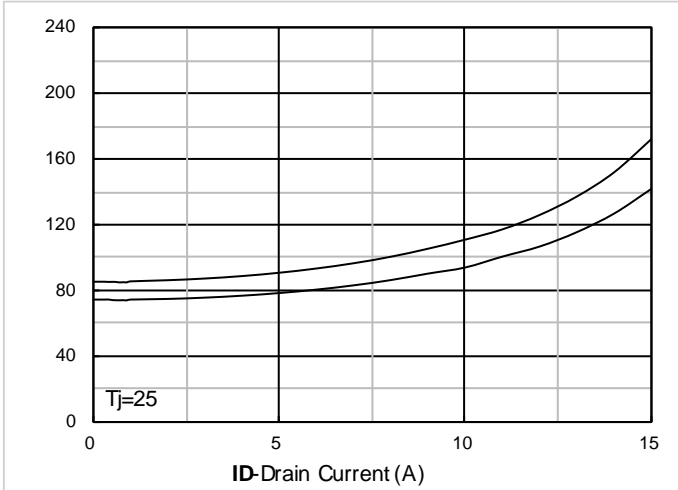


Figure 7. RDS(on) vs. Drain Current; typical values

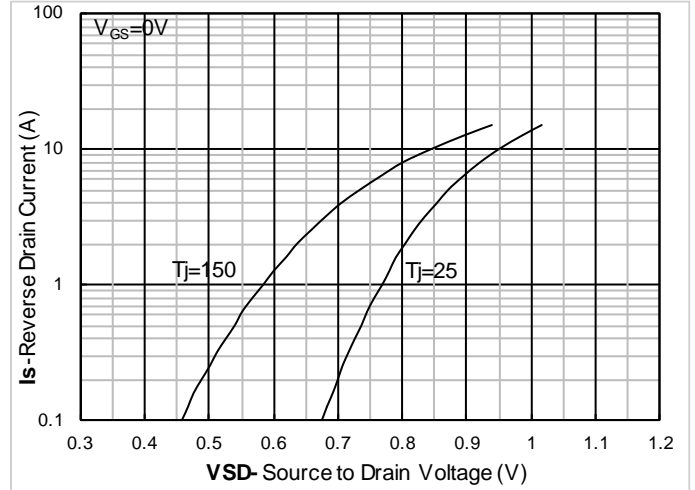


Figure 8. Forward characteristics of reverse diode; typical values

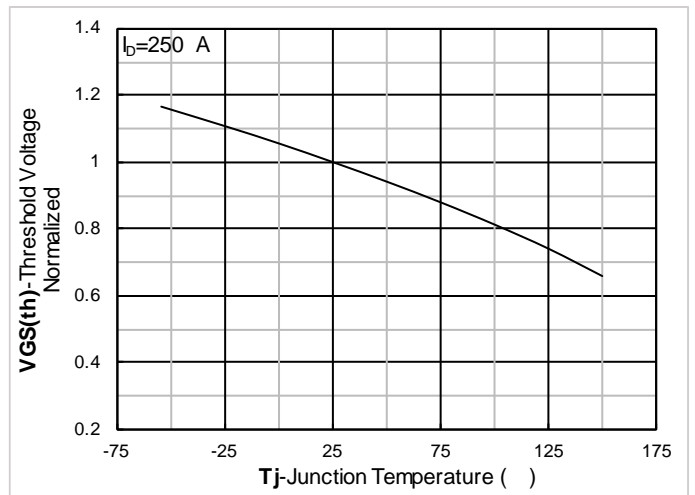


Figure 9. Normalized breakdown voltage

Figure 10. Normalized Threshold voltage

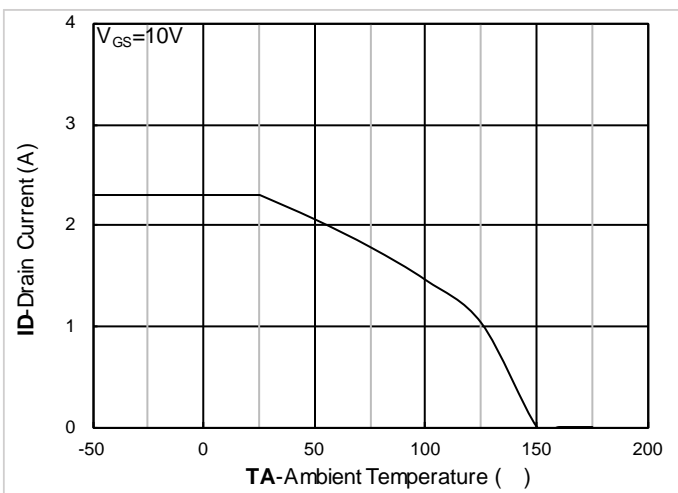


Figure 11. Current dissipation

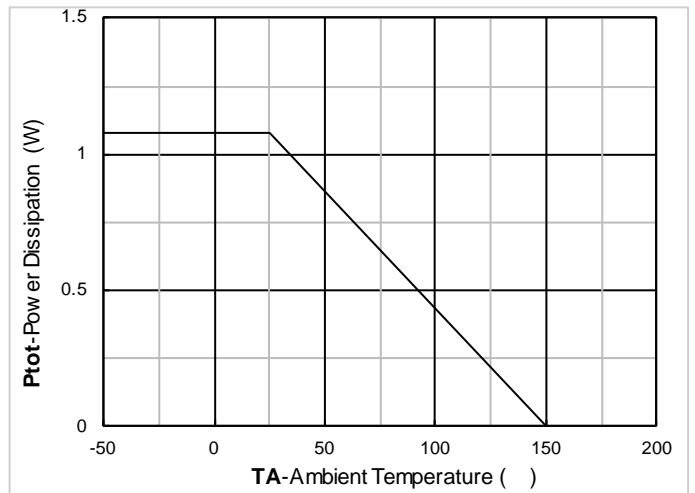


Figure 12. Power dissipation

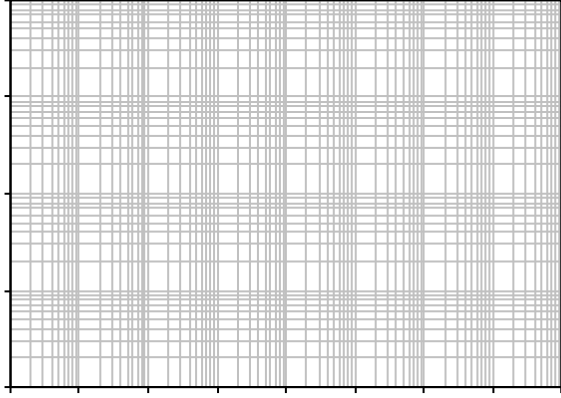


Figure 13. Maximum Transient Thermal Impedance

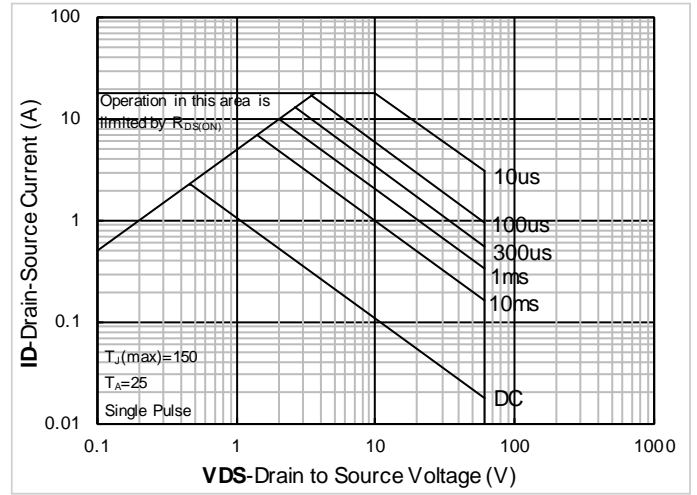
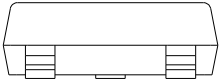


Figure 14. Safe Operation Area



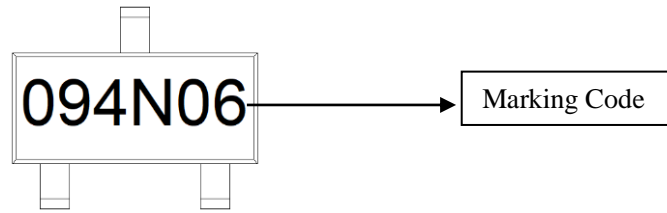
SOT-23 Package Information



UNIT mm



Marking Information



Note

1. All marking is at middle of the product body
2. All marking is in laser printing
3. 094N06 is marking code
4. Body color: Black

