







Typical Electrical and Thermal Characteristics Diagrams

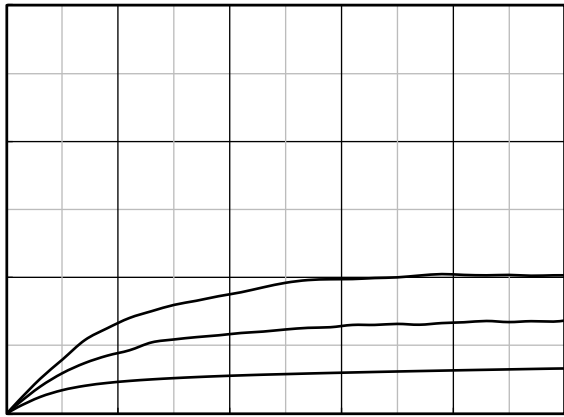


Figure 1. Output Characteristics

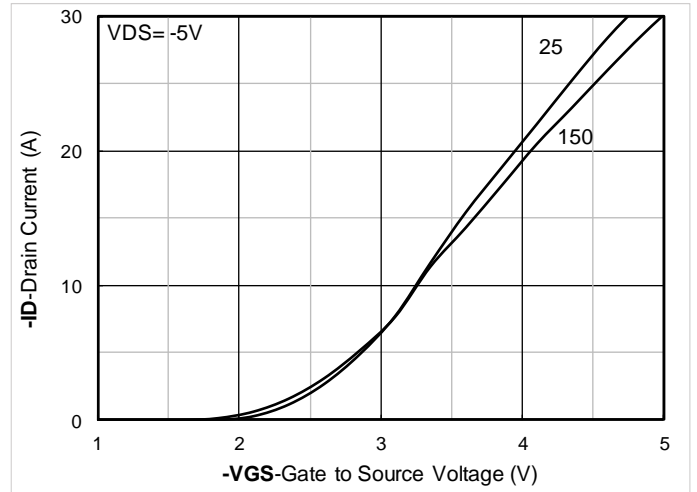


Figure 2. Transfer Characteristics

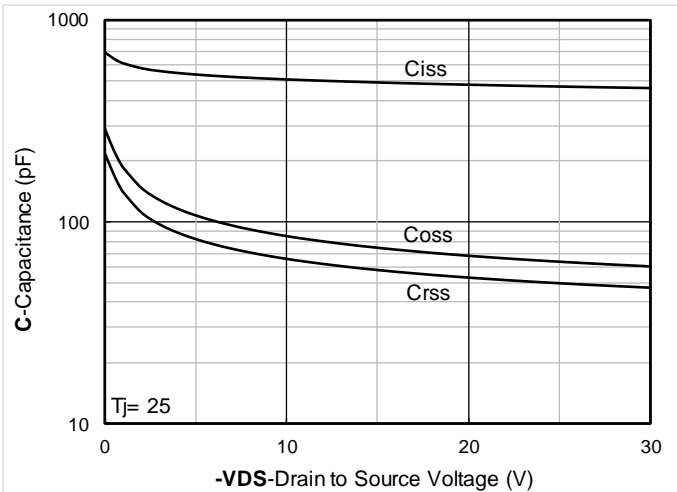


Figure 3. Capacitance Characteristics

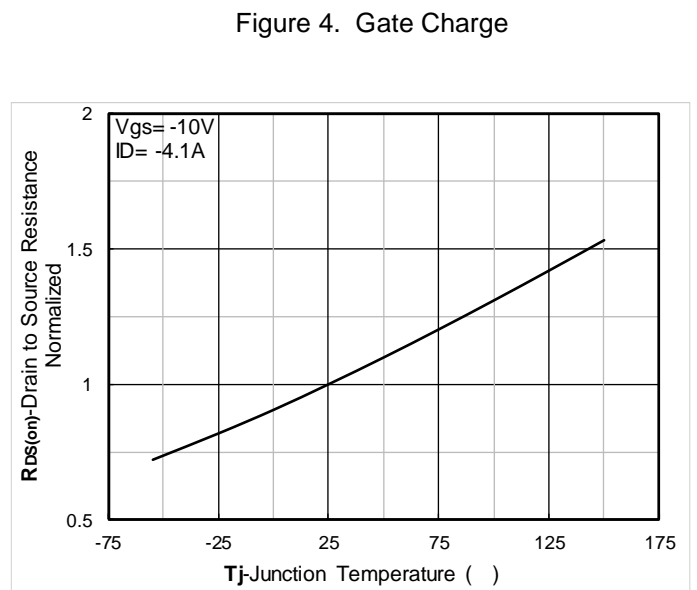


Figure 4. Gate Charge

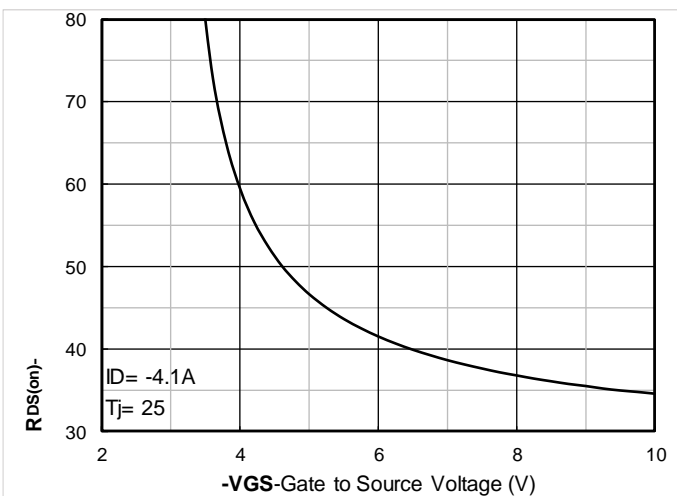


Figure 5. On-Resistance vs Gate to Source Voltage

Figure 6. Normalized On-Resistance

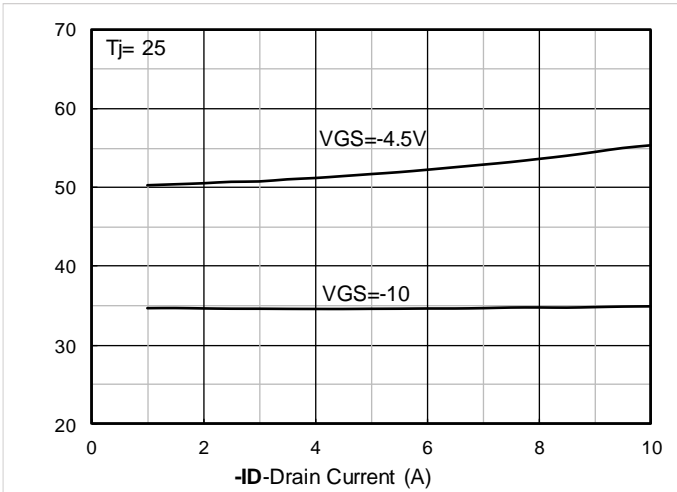


Figure 7. RDS(on) VS Drain Current

Figure 8. Forward characteristics of reverse diode

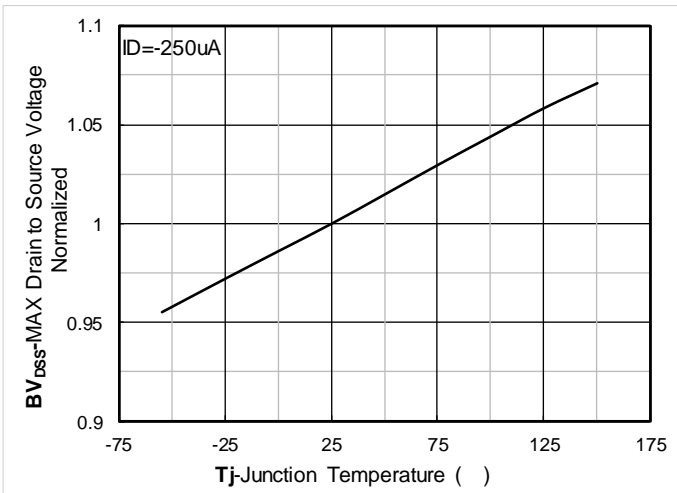


Figure 9. Normalized breakdown voltage

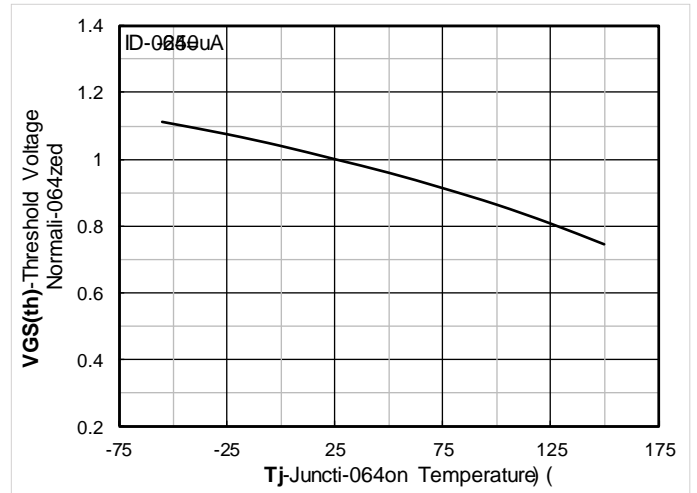
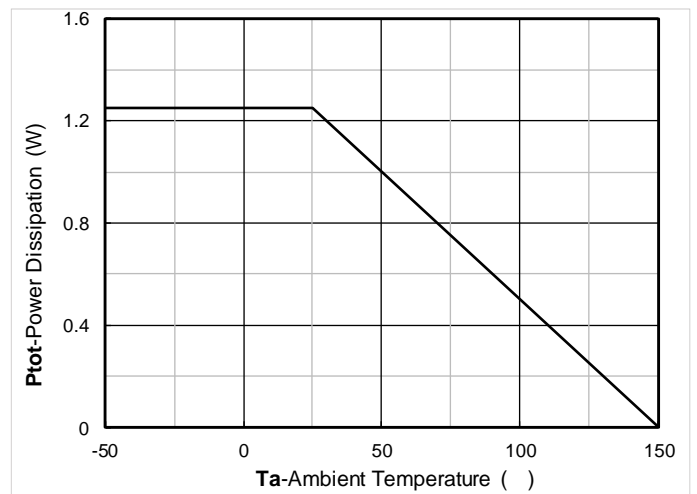
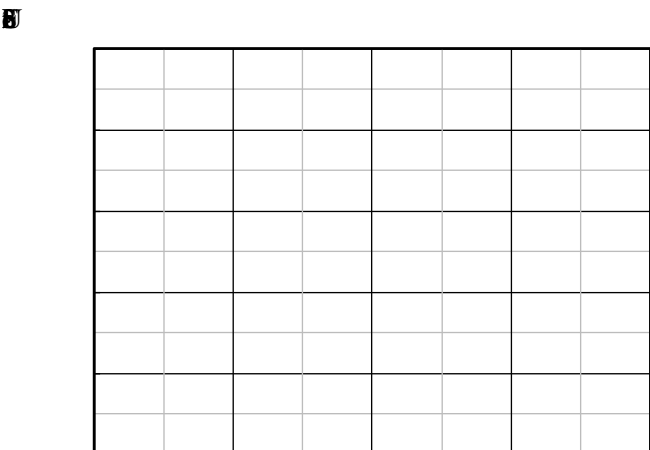


Figure 10. Normalized Threshold voltage



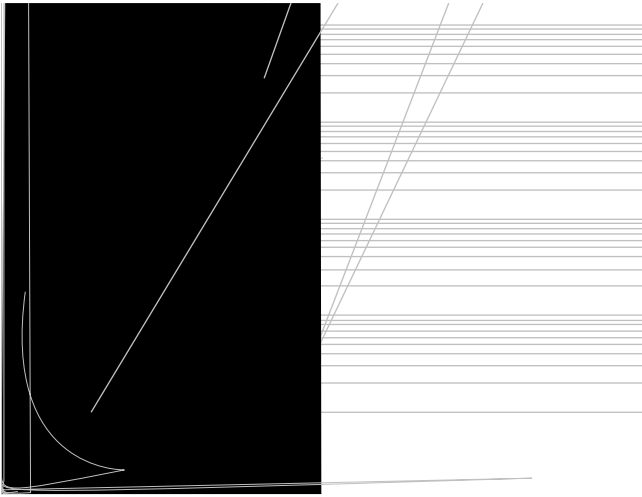


Figure 13. Maximum Transient Thermal Impedance

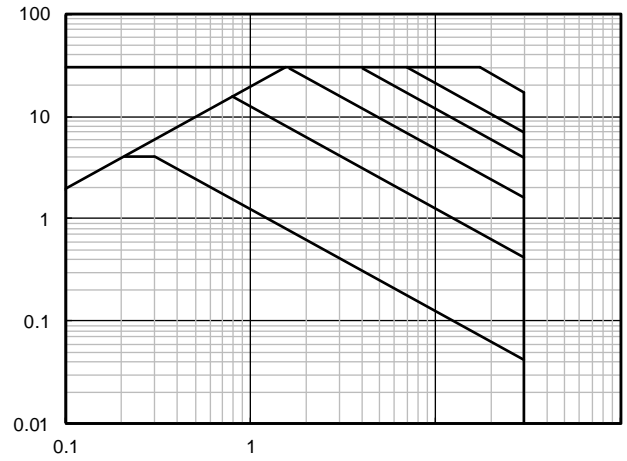
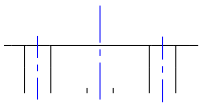
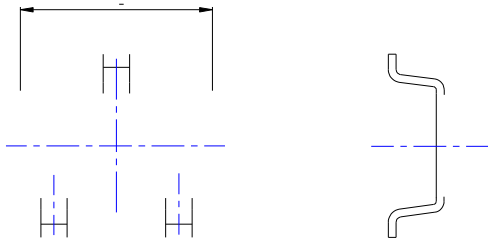


Figure 14. Safe Operation Area



SOT-23-3L Package information



UNIT mm



YJL3407BL

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