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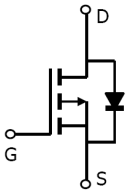

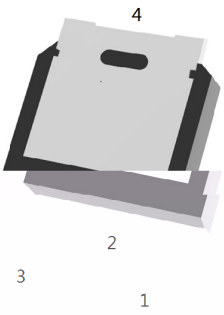

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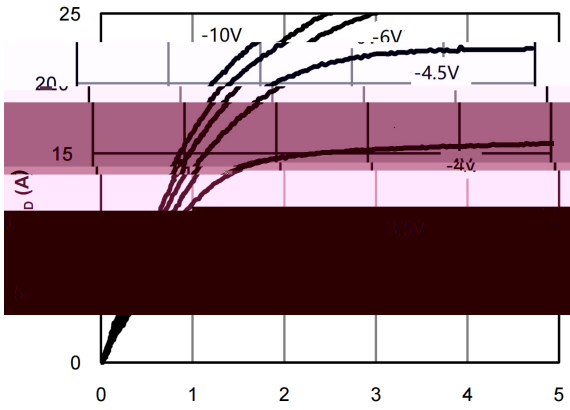



Fig 1: On-Region Characteristics

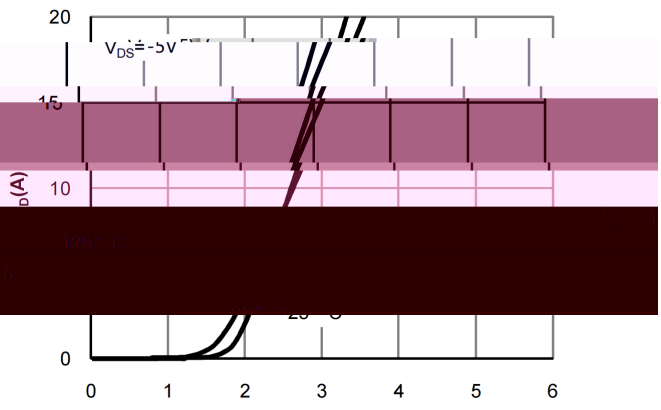



Figure 2: Transfer Characteristics

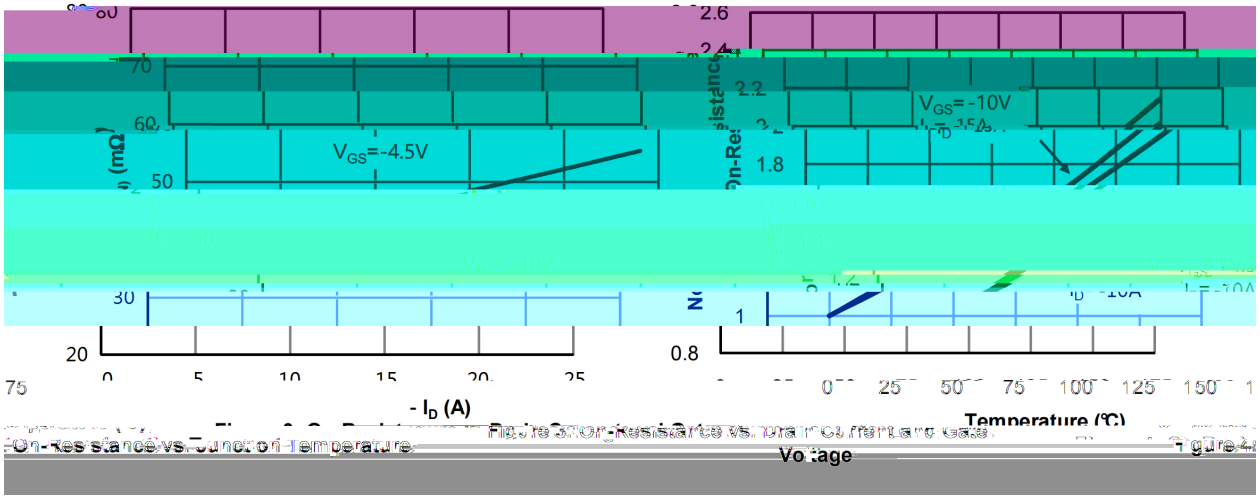



Figure 3: On-Resistance vs. Drain Current and Gate Voltage

Figure 4: On-Resistance vs. Junction Temperature

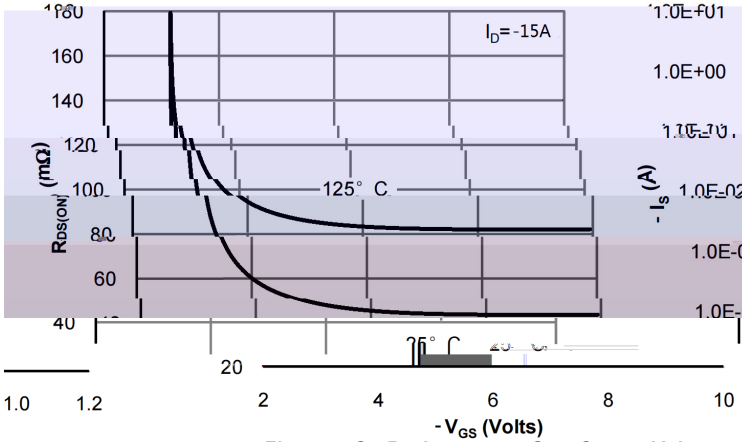



Figure 5: On-Resistance vs. Gate-Source Voltage

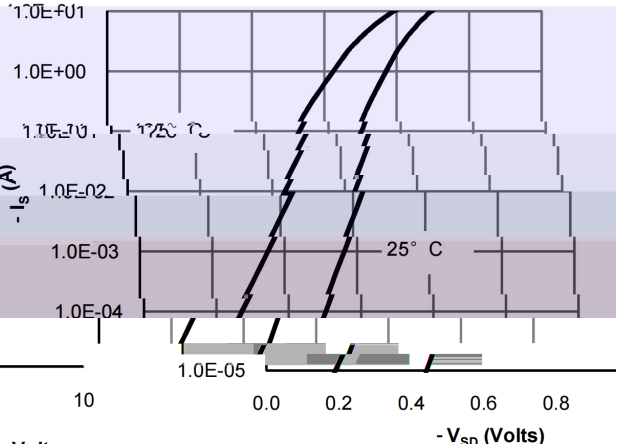



Figure 6: Body-Diode Characteris

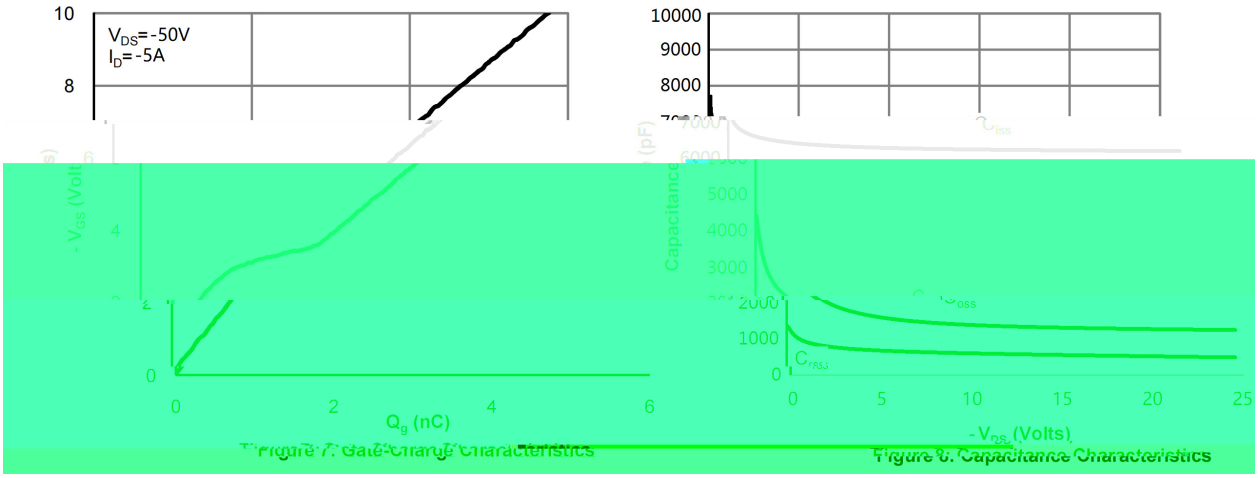
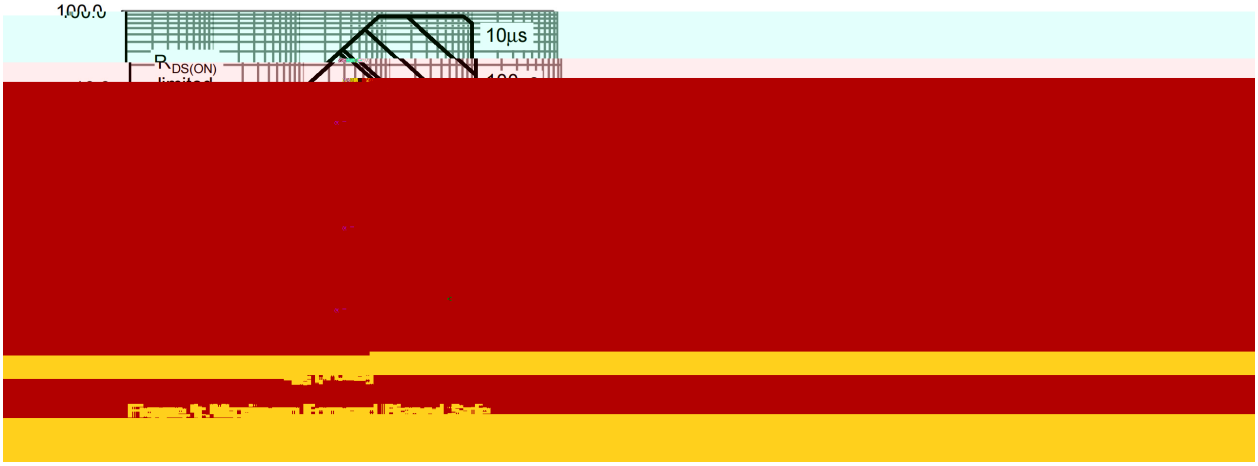



Figure 7. Gate Charge Characteristics

Figure 8. Capacitance Characteristics



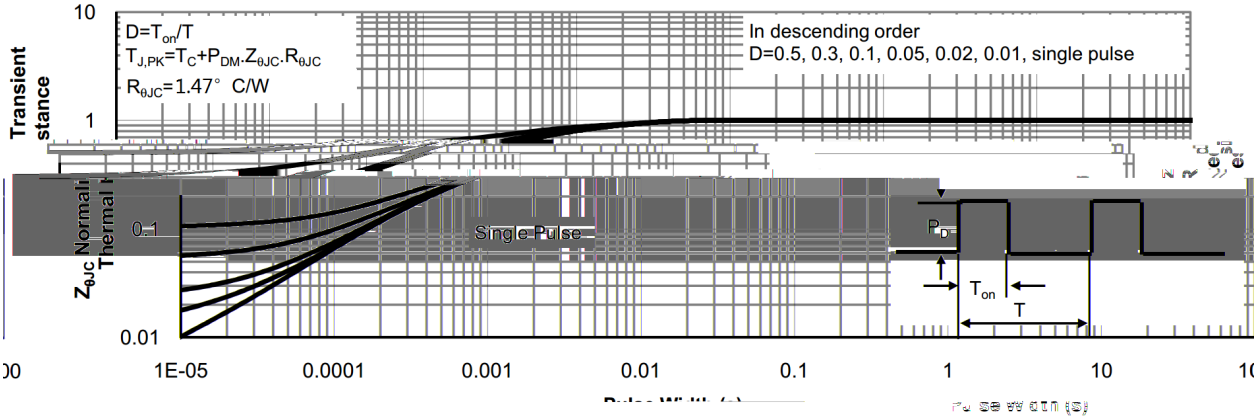
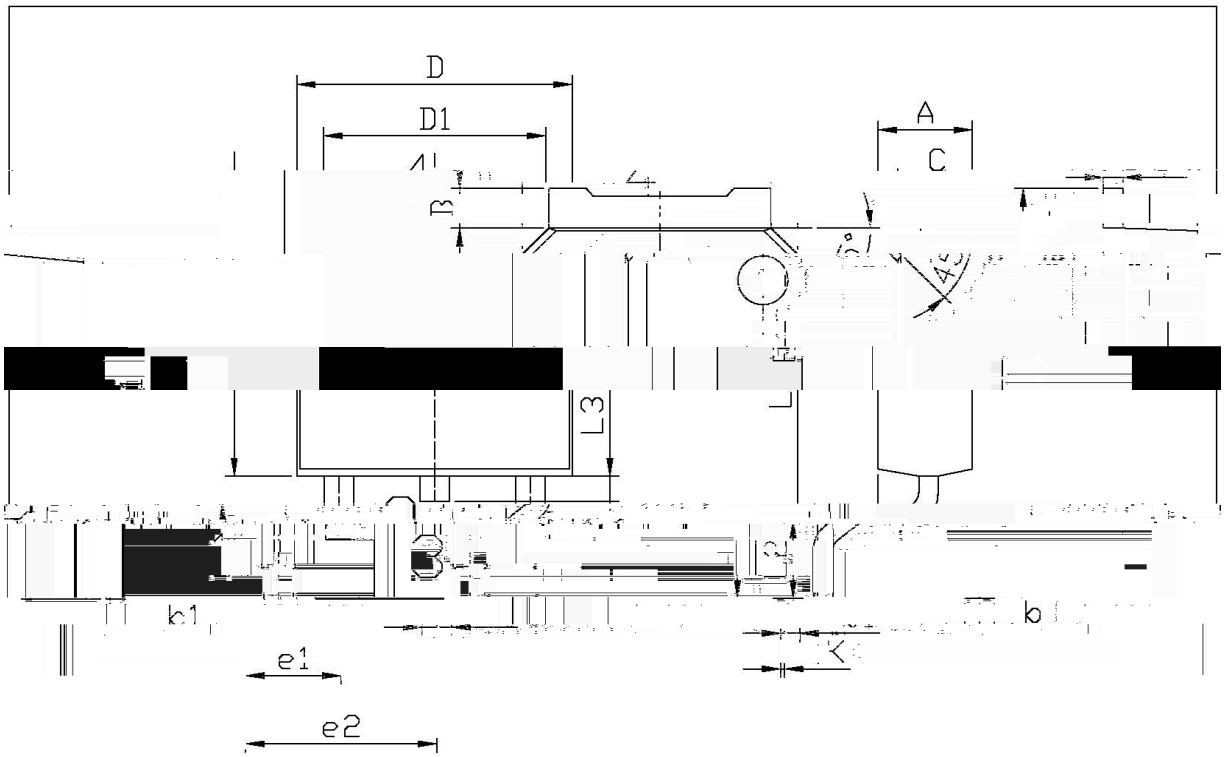




Figure 10: Normalized Maximum Transient Thermal Impeda




单位：mm

| Symbol | Dimensions In Millimeters | | Symbol | Dimensions In Millimeters | |
|---|---|---|---|---|---|
| | Min | Max. | | Min | Max |
| | 5.95 | 6.25 | A | 2.20 | 2.40 |
| e1 | 2.24 | 2.34 | B | 0.95 | 1.25 |
| | 1.42 | 1.73 | b | 0.70 | 0.90 |
| L1 | 9.85 | 10.35 | b1 | 0.45 | 0.55 |
| C | 0.45 | 0.55 | L2 | 1.70 | 2.00 |
| L3 | 0.60 | 0.90 | D | 6.45 | 6.75 |
| | 5.50 | 0.00 | | 0.10 | 5.10 |

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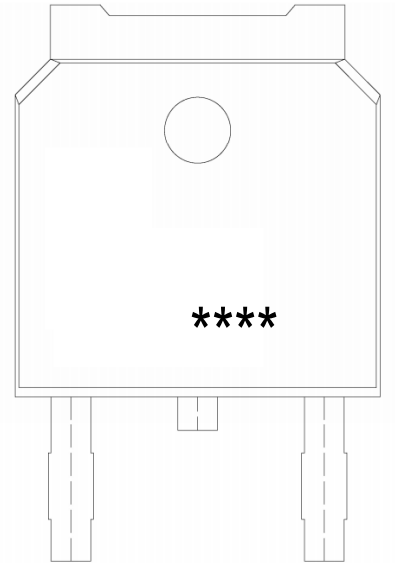

## Temperature Profile for IR Reflow Soldering(Pb-Free)