

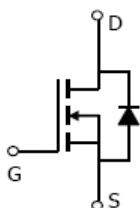
/ Descriptions

N

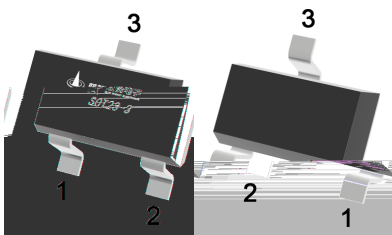
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

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/ Electrical Characteristic Curve

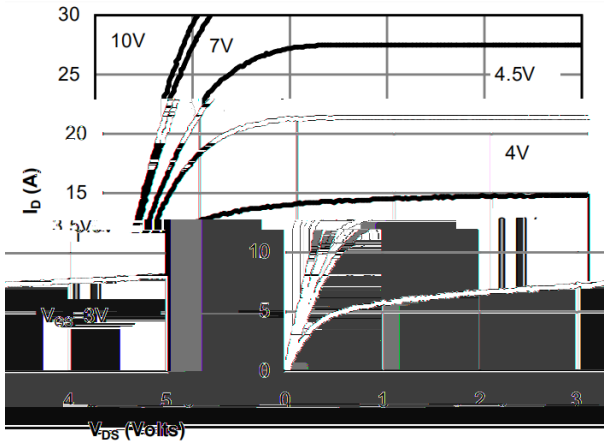


Figure 1: On-Region Characteristics

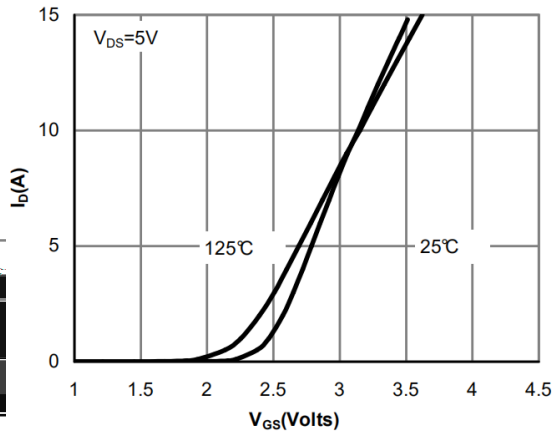


Figure 2: Transfer Characteristics

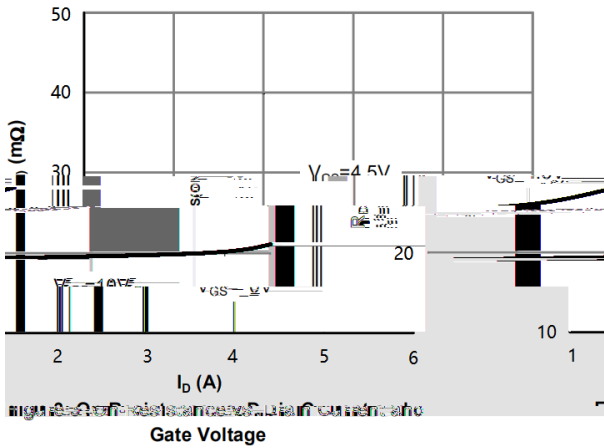


Figure 3: On-Resistance vs. Drain Current

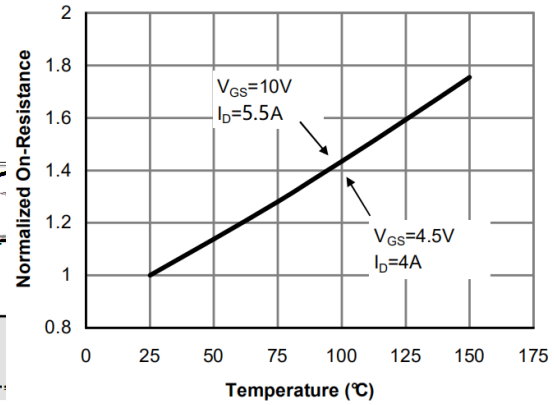


Figure 4: On-Resistance vs. Junction Temperature

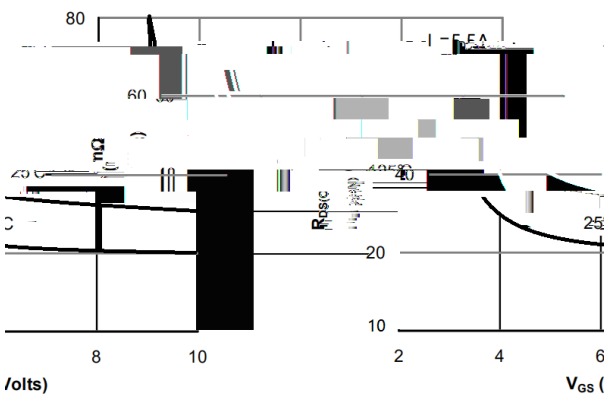


Figure 5: On-Resistance vs. Gate-Source Voltage

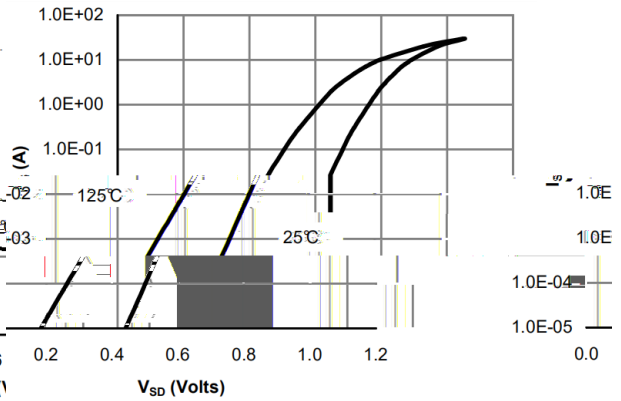
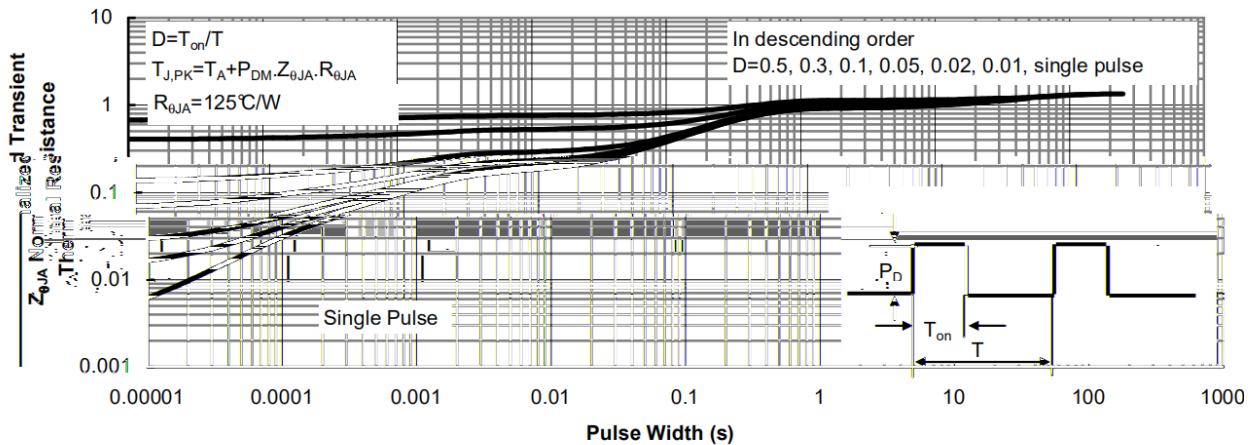
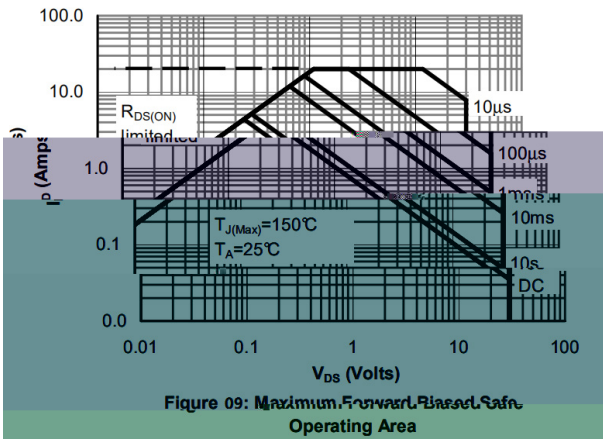
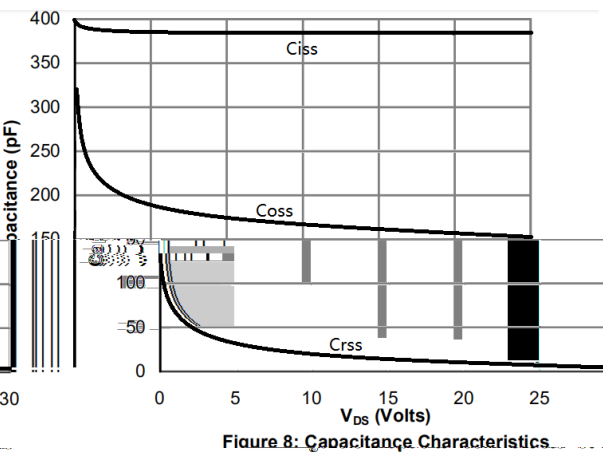
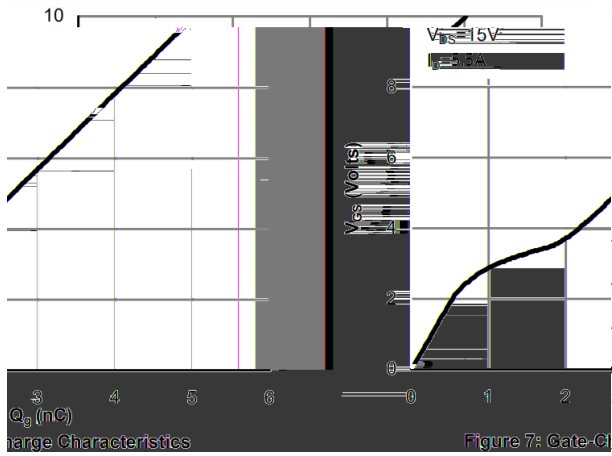
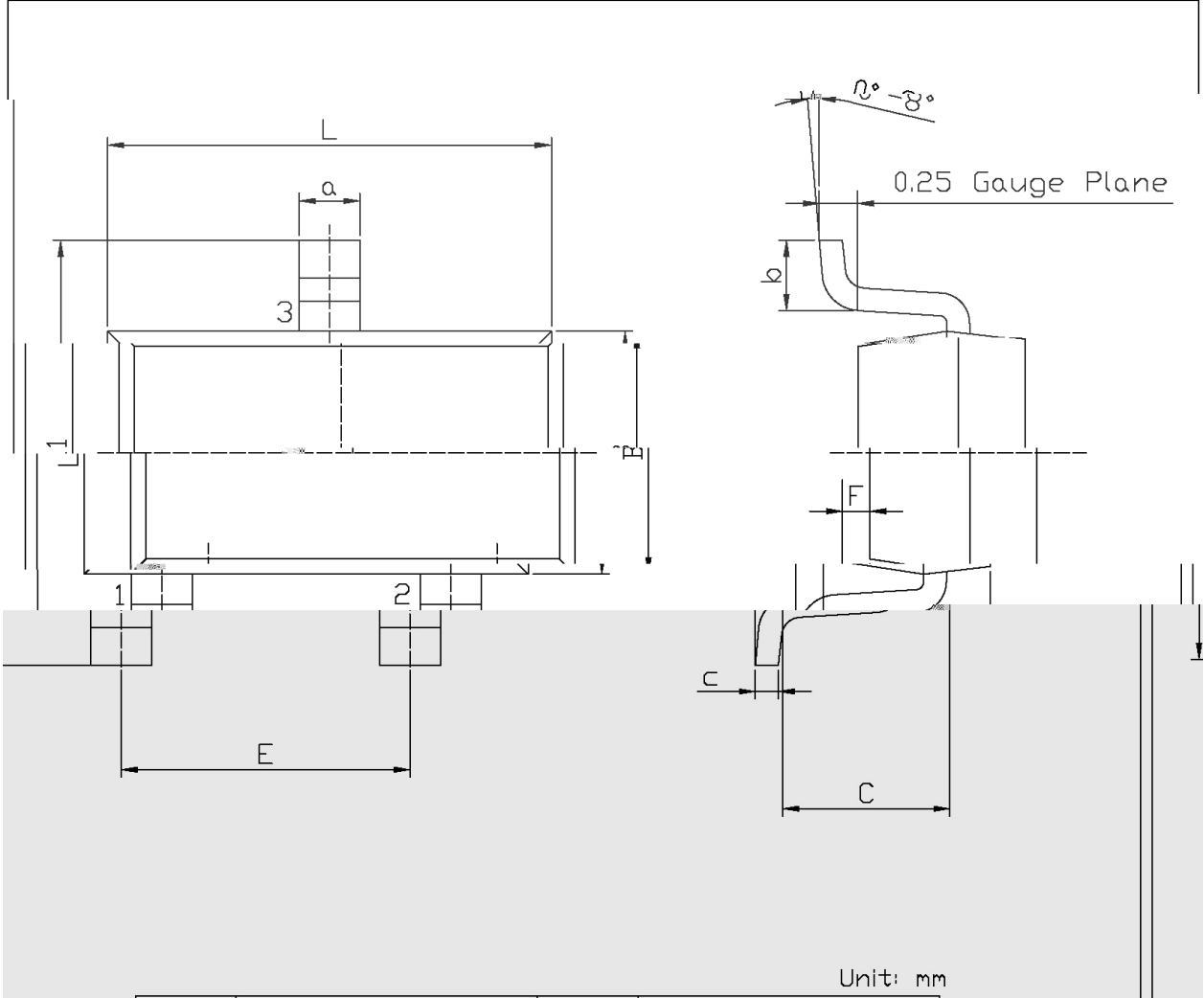


Figure 6: Body-Diode Characteristics

/ Electrical Characteristic Curve



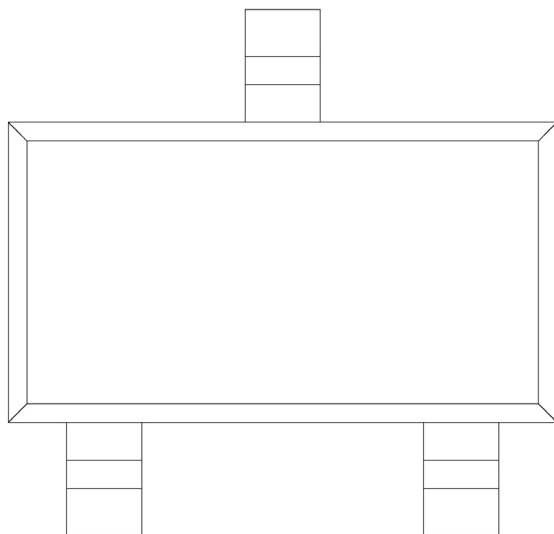
/ Package Dimensions



Unit: mm

| Dimension | Symbol | Value |
|-------------|--------|-------|
| Dimension 1 | L | 2.82 |
| Dimension 2 | a | 2.03 |
| Dimension 3 | 3 | 0.85 |
| Dimension 4 | 1 | 0.50 |
| Dimension 5 | 2 | 0.50 |
| Dimension 6 | E | 2.82 |
| Dimension 7 | C | 0.50 |
| Dimension 8 | F | 0.50 |

/ Marking Instructions



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± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ Packaging SPEC.

| | | | | | | | | |
|--|------------|-----------------|-----------------|-----------------------|-----------------|------|-----------|-----------|
| | Units/Reel | Reels/Inner Box | Units/Inner Box | Inner Boxes/Outer Box | Units/Outer Box | Reel | Inner Box | Outer Box |
| | / | / | / | / | / | | | |