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## / Electrical Characteristics(Ta=25 )

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## / Electrical Characteristic Curve

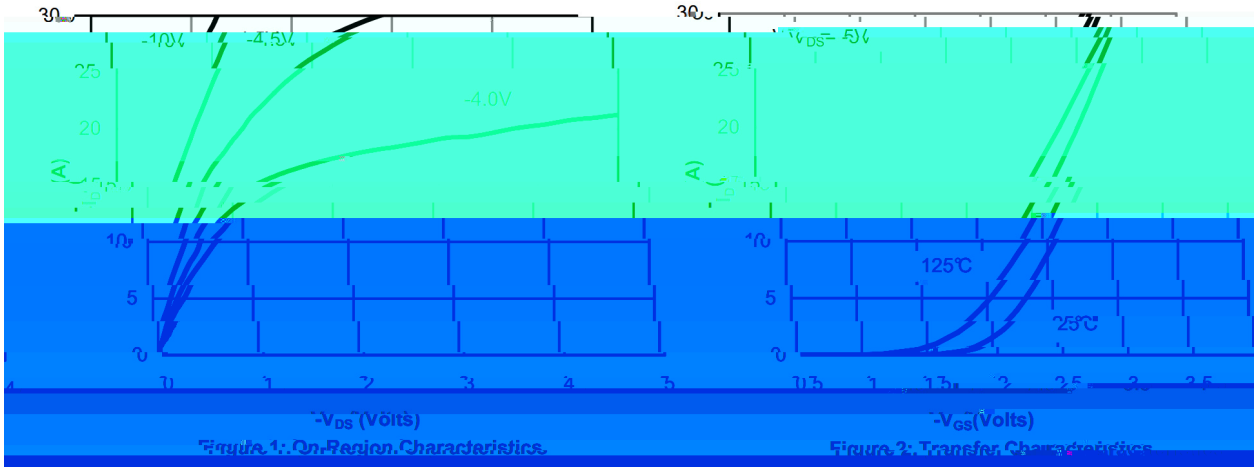



Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics

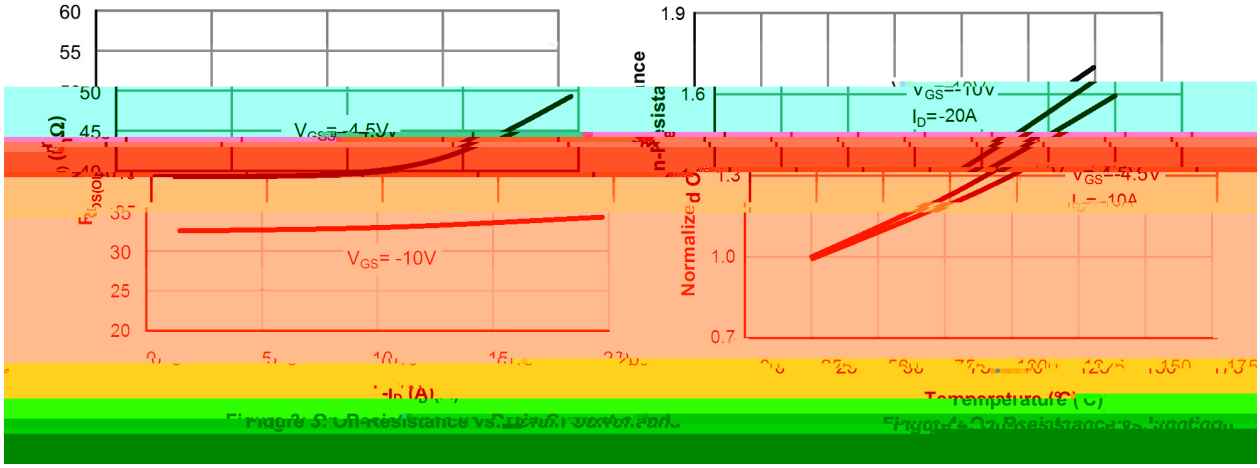



Figure 3: On-Resistance vs. Drain Current

Figure 4: On-Resistance vs. Junction Temperature

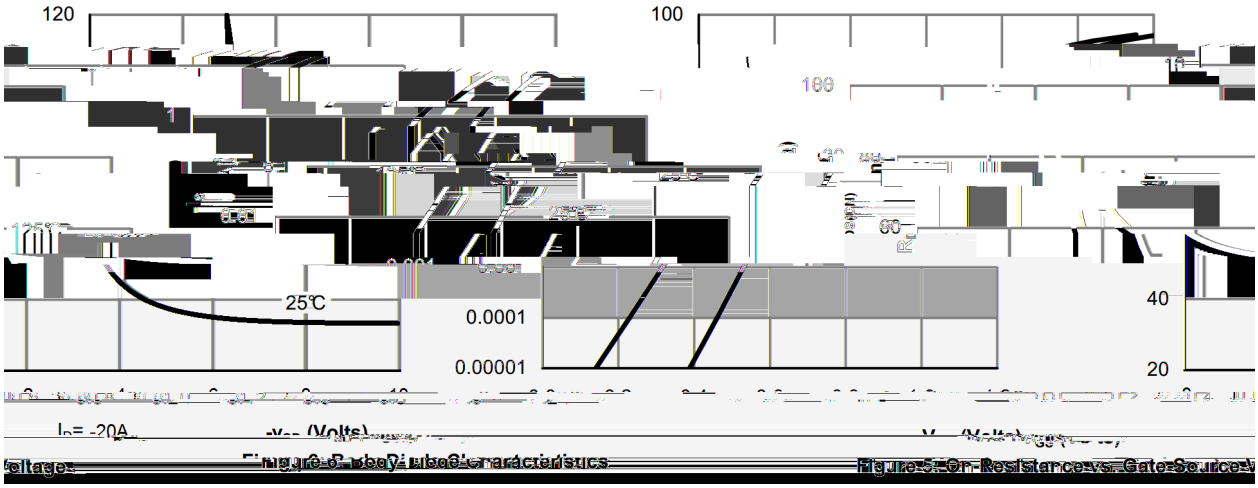
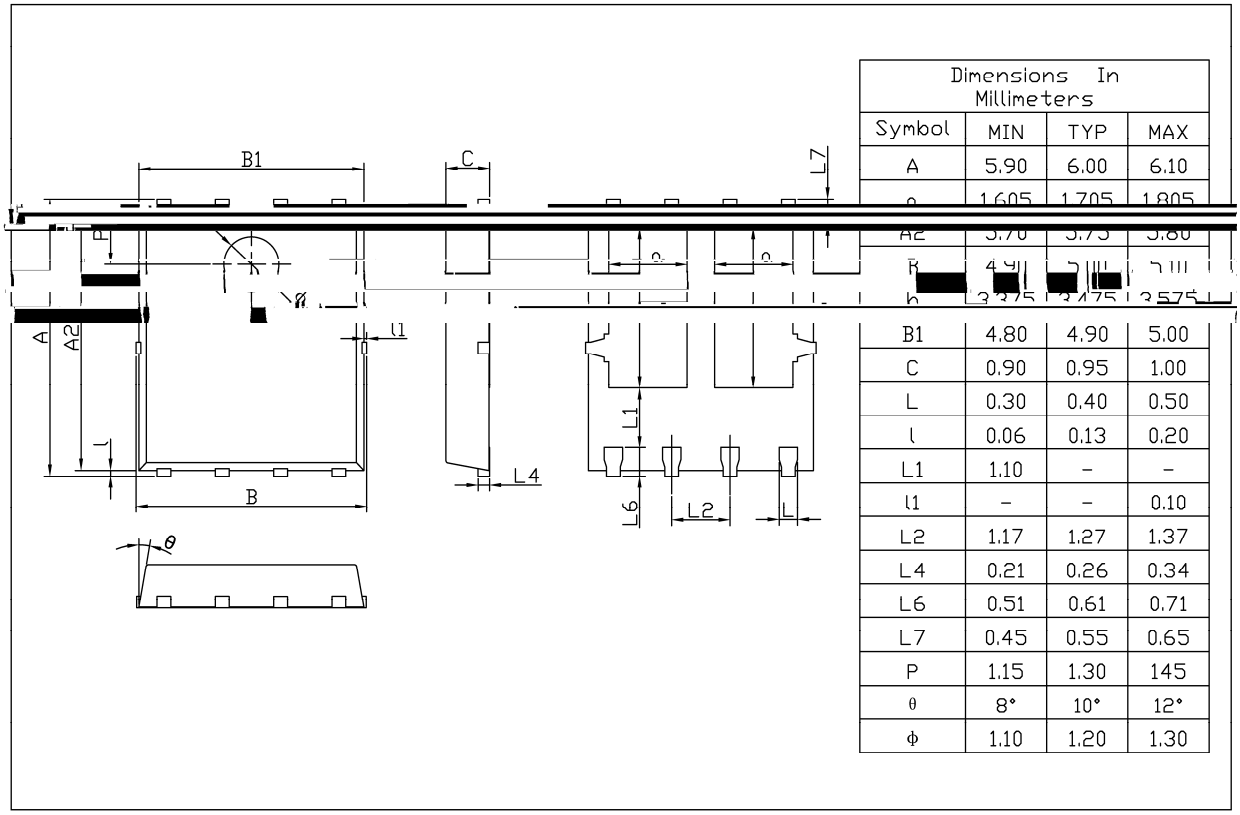



Figure 5: Body Diode Characteristics

Figure 6: On-Resistance vs. Gate-Source Voltage

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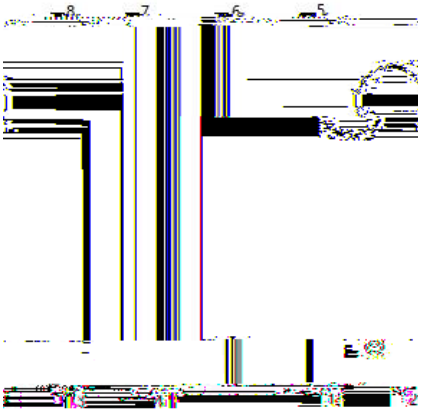
## / Package Dimensions




| Dimensions In Millimeters | | | |
|---|---|---|---|
| Symbol | MIN | TYP | MAX |
| A | 5.90 | 6.00 | 6.10 |
| B1 | 4.80 | 4.90 | 5.00 |
| C | 0.90 | 0.95 | 1.00 |
| L | 0.30 | 0.40 | 0.50 |
| l | 0.06 | 0.13 | 0.20 |
| L1 | 1.10 | – | – |
| l1 | – | – | 0.10 |
| L2 | 1.17 | 1.27 | 1.37 |
| L4 | 0.21 | 0.26 | 0.34 |
| L6 | 0.51 | 0.61 | 0.71 |
| L7 | 0.45 | 0.55 | 0.65 |
| P | 1.15 | 1.30 | 145 |
| θ | 8° | 10° | 12° |
| ϕ | 1.10 | 1.20 | 1.30 |

Rev.01 202209

## / Marking Instructions



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