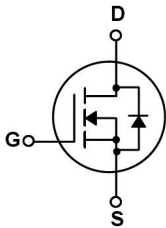


/ Descriptions

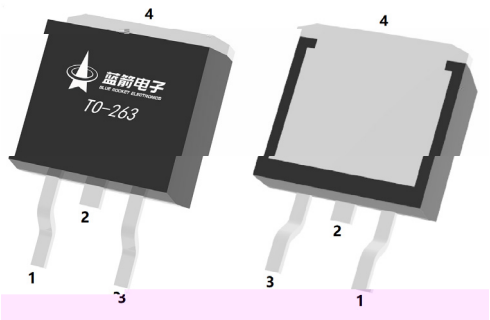
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Ta=25 )

|  |   |   |   |   |
|--|---|---|---|---|
|  |   |   |   |   |
|  |   |   |   |   |
|  |   | ℃ |   |   |
|  |   |   |   |   |
|  |   |   | ± |   |
|  |   |   |   |   |
|  |   |   |   |   |
|  |   | ℃ |   |   |
|  |   |   |   | ℃ |
|  | ≤ | θ |   |   |
|  |   |   |   |   |
|  |   | θ |   |   |

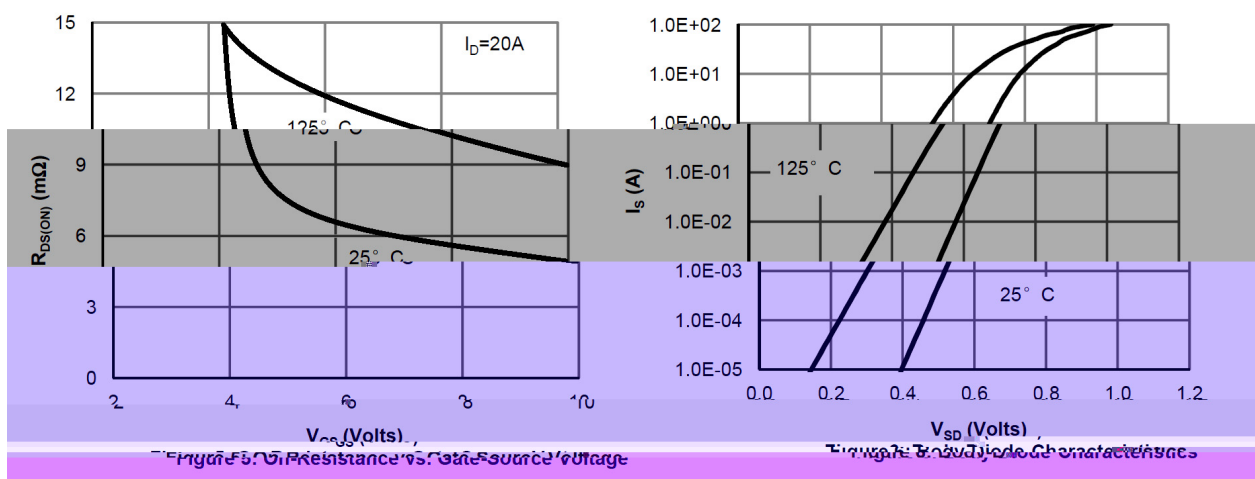
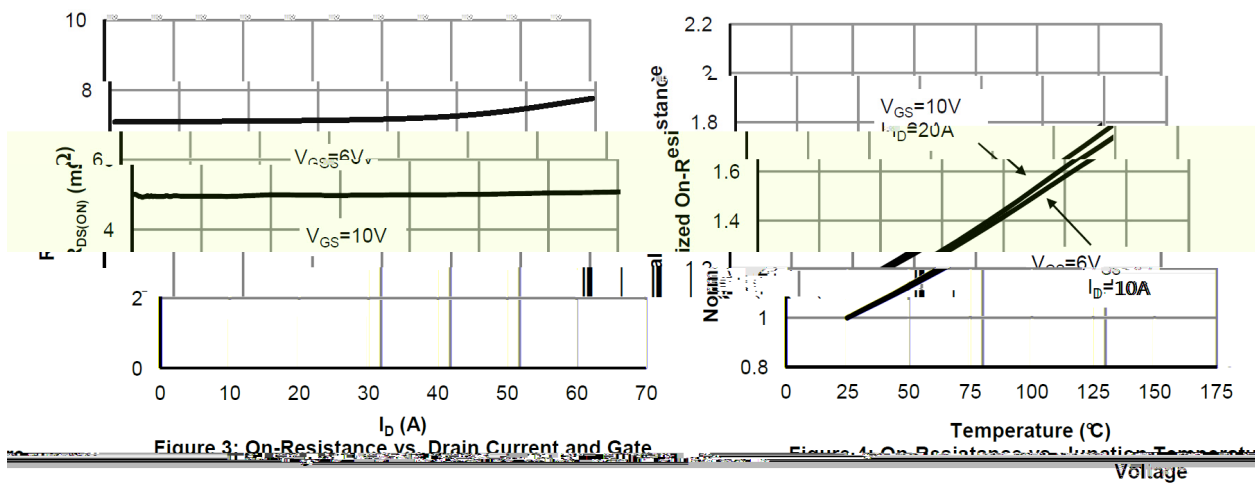
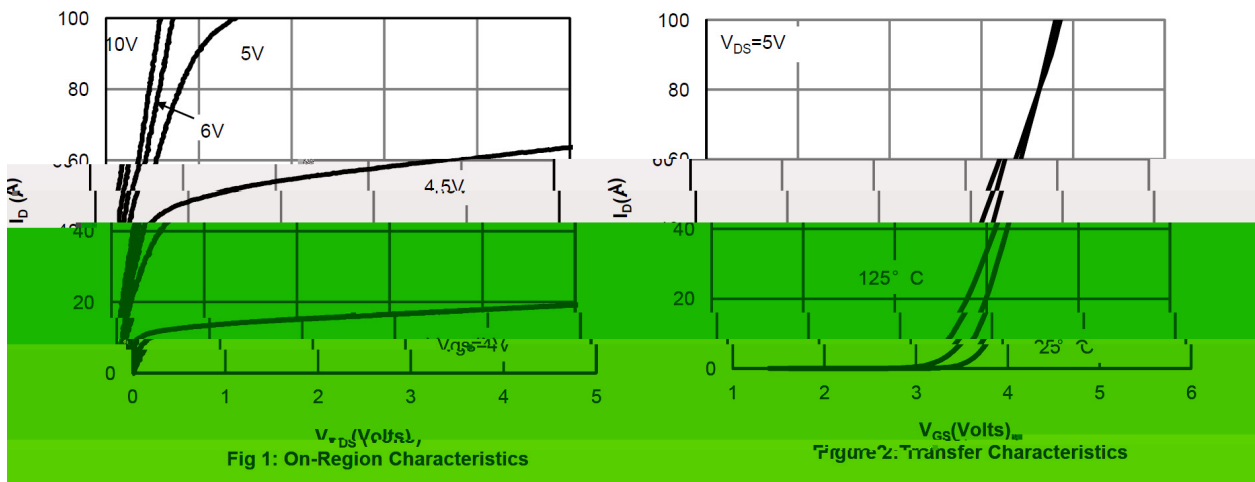
/ Electrical Characteristics(Ta=25 )

|  |  |   |  |  |   |   |
|--|--|---|--|--|---|---|
|  |  |   |  |  |   |   |
|  |  | μ |  |  |   |   |
|  |  |   |  |  |   | μ |
|  |  |   |  |  | ± |   |
|  |  | μ |  |  |   |   |
|  |  |   |  |  |   | Ω |
|  |  |   |  |  |   |   |
|  |  |   |  |  |   |   |
|  |  |   |  |  |   | Ω |
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# Electrical Characteristic Curve



/ Electrical Characteristic Curve

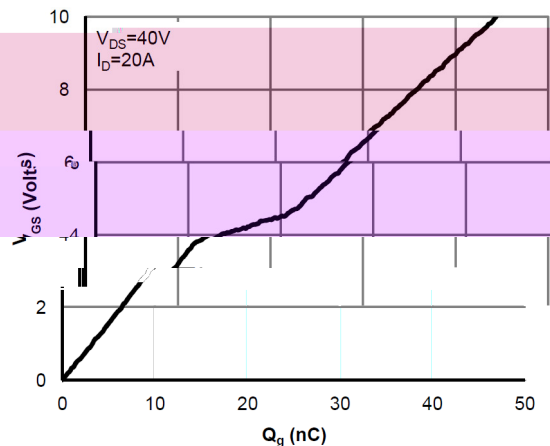


Figure 7: Gate-Charge Characteristics

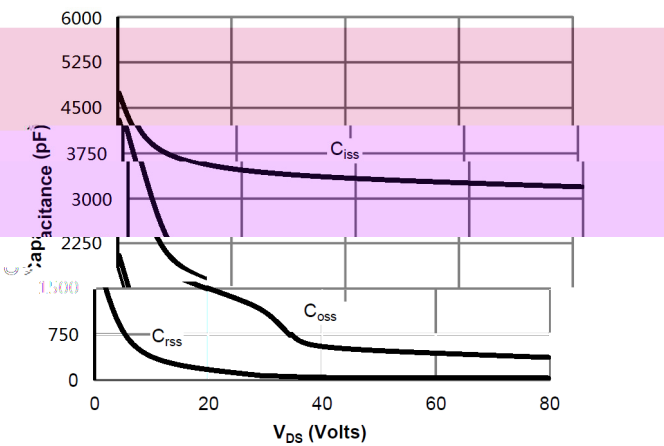


Figure 8: Capacitance Characteristics

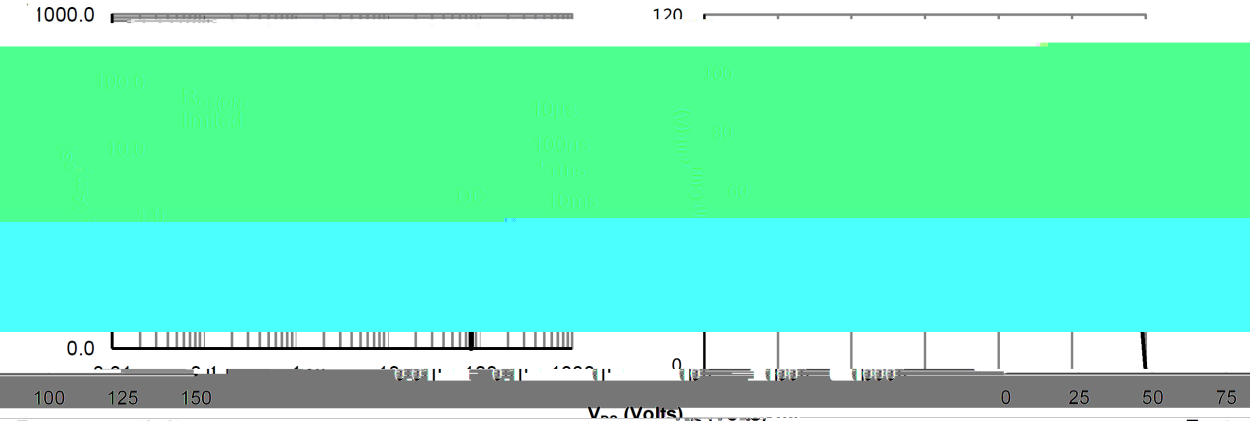


Figure 9: Maximum Forward Biased Safe Operating Area

Figure 10: Maximum Power Dissipation vs Case Temperature

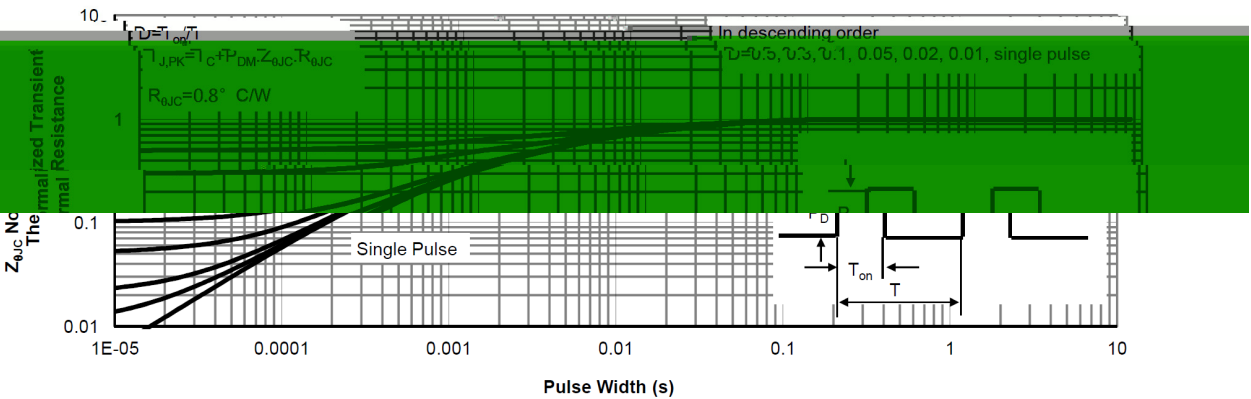
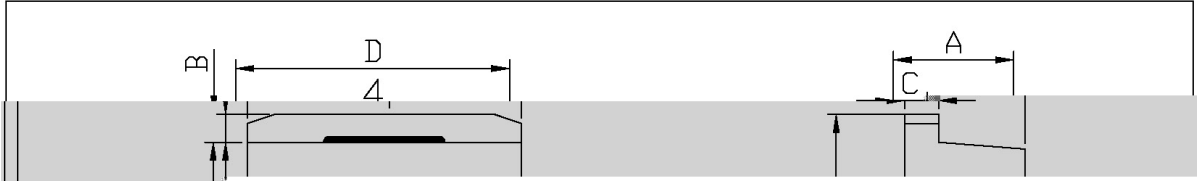


Figure 11: Normalized Maximum Transient Thermal Impedance

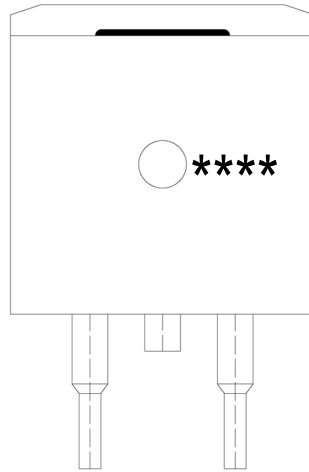
/ Package Dimensions



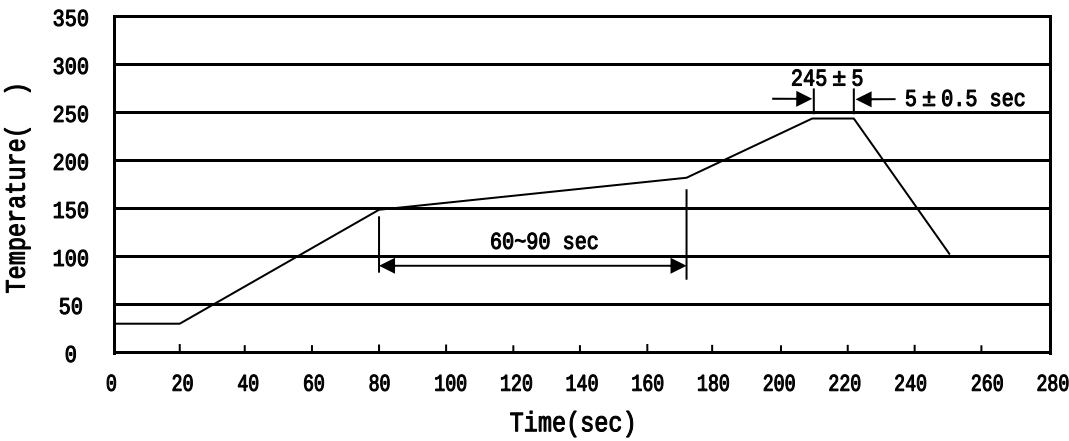
单位: mm

| Dimensions In Millimeters |      |      | Dimensions In Millimeters |      |      |
|---------------------------|------|------|---------------------------|------|------|
| Symbol                    | Min  | Max  | Symbol                    | Min  | Max  |
| A                         | 4.30 | 4.70 | FL                        | 0.00 | 0.10 |
| B                         | 1.00 | 1.40 | e1                        | 2.34 | 2.74 |
| b                         | 0.70 | 0.90 | e2                        | 4.88 | 5.28 |

/ Marking Instructions



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



/ Resistance to Soldering Heat Test Conditions

℃

/ Packaging SPEC.

|  | Units/Reel<br>/ | Reels/Inner Box<br>/ | Units/Inner Box<br>/ | Inner Boxes/Outer Box<br>/ | Units/Outer Box<br>/ | Reel | Inner Box | Outer Box |
|--|-----------------|----------------------|----------------------|----------------------------|----------------------|------|-----------|-----------|
|  |                 |                      |                      |                            |                      | "    |           |           |

|  | Units/Tube<br>/ | Tubes/Inner Box<br>/ | Units/Inner Box<br>/ | Inner Boxes/Outer Box<br>/ | Units/Outer Box<br>/ | Tube | Inner Box | Outer Box |
|--|-----------------|----------------------|----------------------|----------------------------|----------------------|------|-----------|-----------|
|  |                 |                      |                      |                            |                      |      |           |           |

/ Notices