

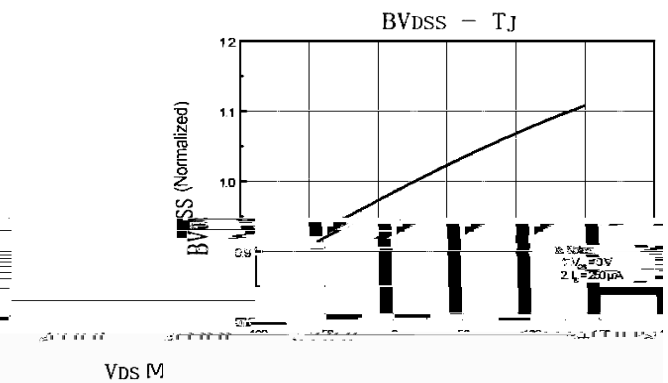
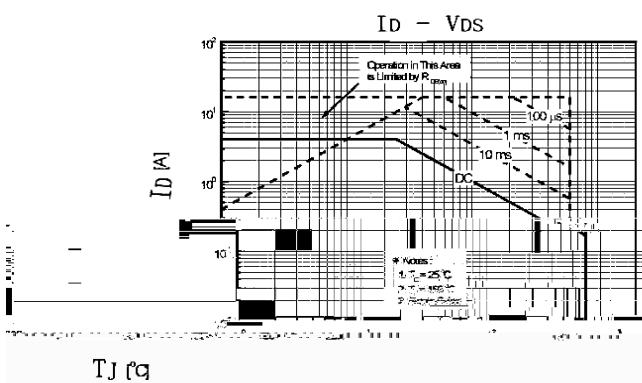
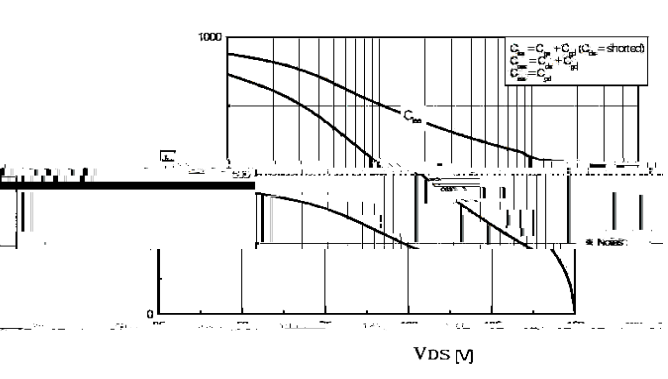
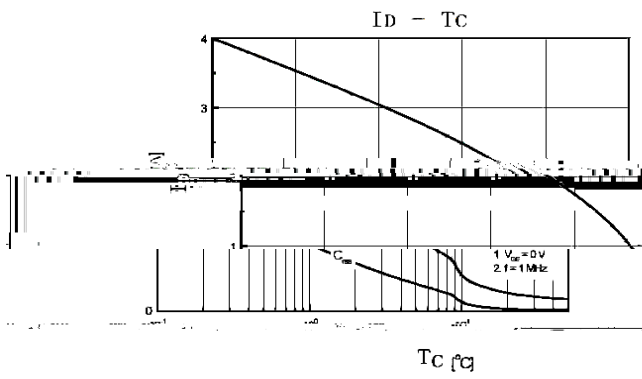
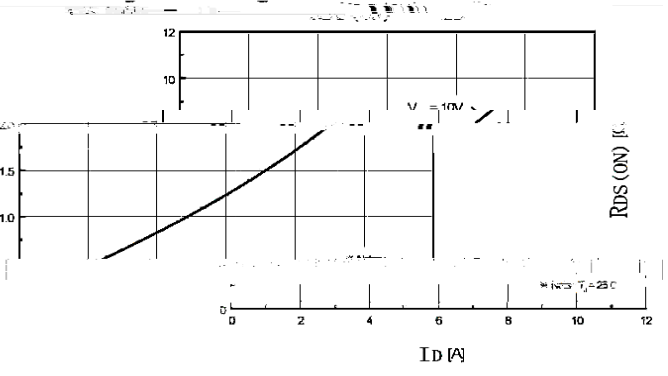
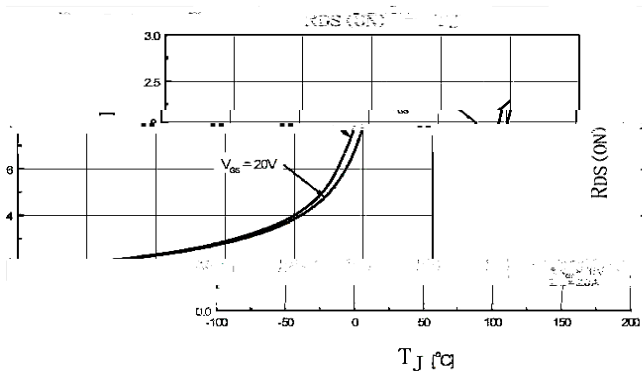
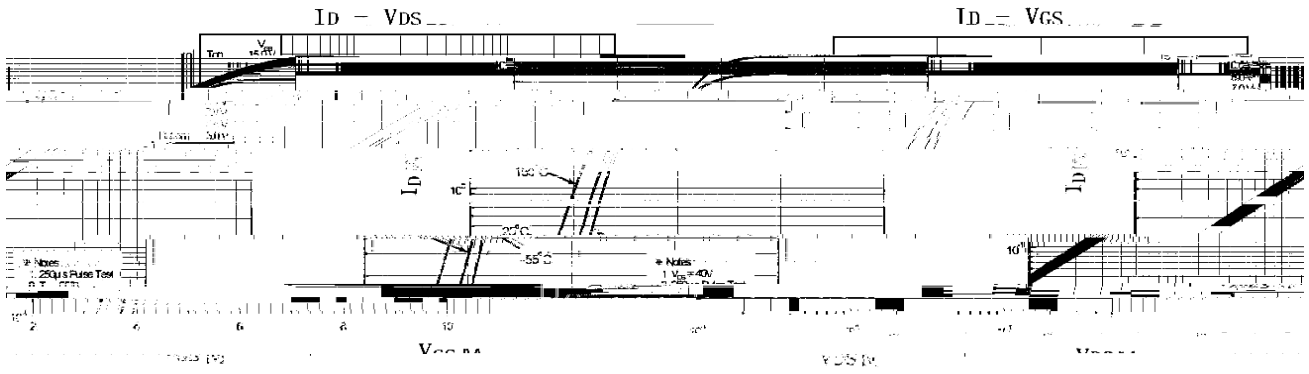
BRI4N65
Rev.E Aug.-2017

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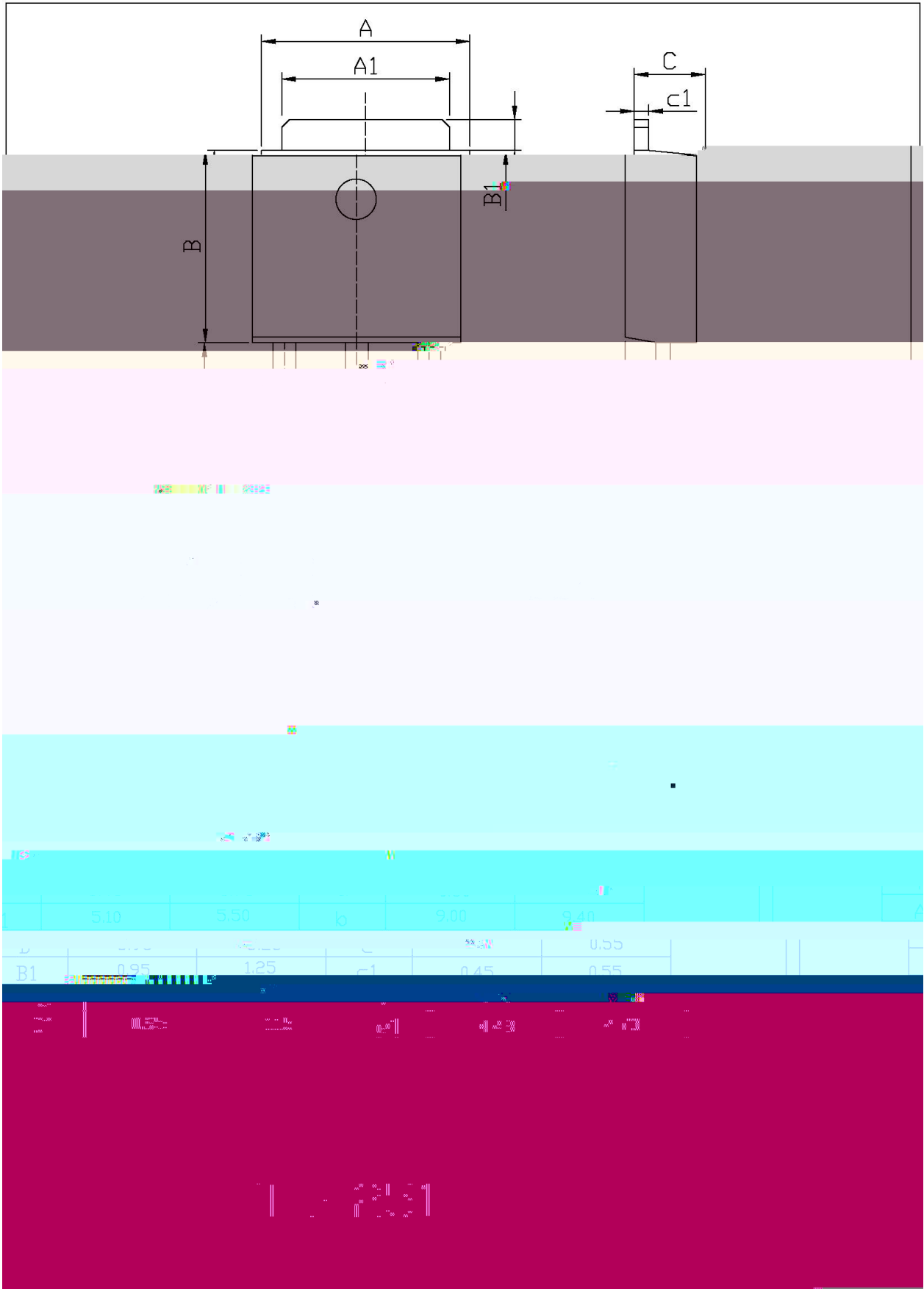
| Parameter | Symbol | Rating | Unit |
|---|------------------------|------------|------|
| Drain-Source Voltage | V_{DSS} | 650 | V |
| Drain Current | $I_D(T_C=25^\circ C)$ | 4.0 | A |
| Drain Current | $I_D(T_C=100^\circ C)$ | 2.5 | A |
| Drain Current - Pulsed | I_{DM} | 16 | A |
| Gate-Source Voltage | V_{GSS} | ± 20 | V |
| Single Pulsed Avalanche Energy | E_{AS} | 240 | mJ |
| Repetitive Avalanche Energy | E_{AR} | 10 | mJ |
| Avalanche Current | I_{AR} | 4.0 | A |
| Power Dissipation | $P_D(T_C=25^\circ C)$ | 33 | W |
| Operating and Storage Temperature Range | T_J, T_{STG} | -55 to 150 | |

-55 to 150mJ(Paramet14 05400783Tj 0 02j)-4.88 24/0.0016987.15a7.05y2g an

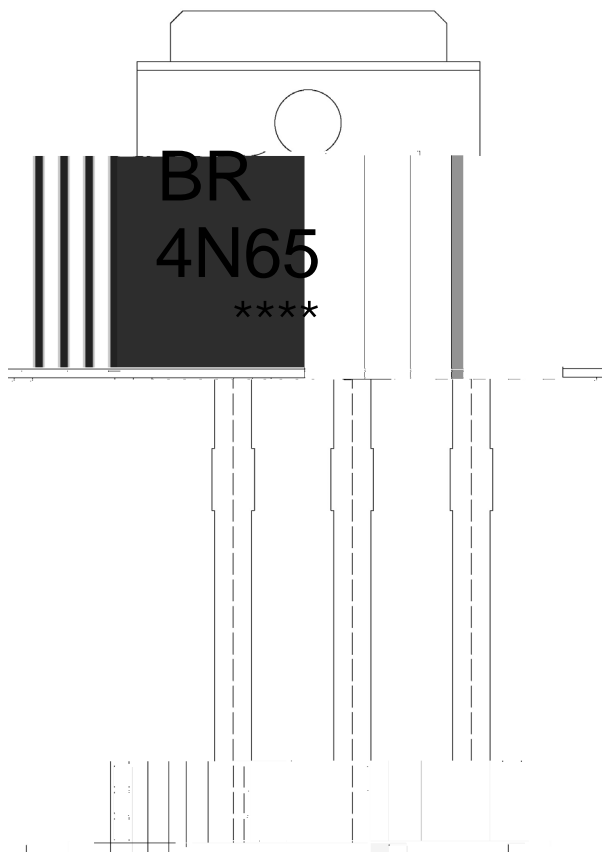
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



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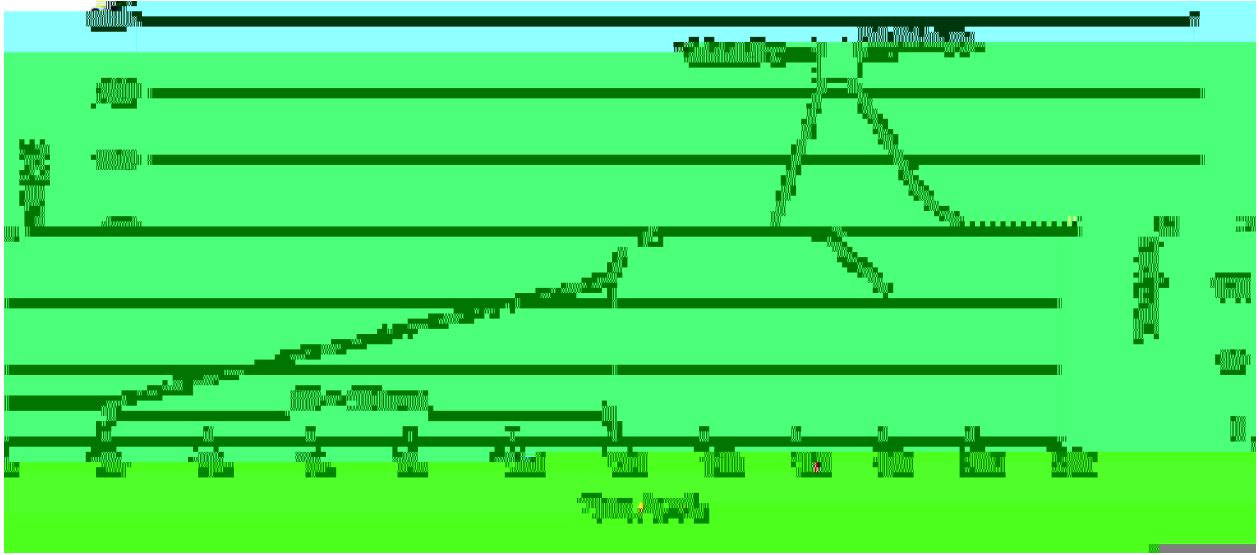
Note:

BR: Company Code

4N65: Product Type.

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- | | | | | | |
|---|--------|-----|------------|----------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255..5 | | 5..0.5sec; | | 2.Peak Temp.:255..5 , Duration:5..0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270..5 10...1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

| Package Type | Units | | | | | Dimension (unit mm ³) | | |
|--------------|-------------|------------------|-------------------|-------------------------|-------------------|-----------------------------------|-------------|-------------|
| | Units/Bag / | Bags/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Bag | Inner Box | Outer Box |
| TO-251 | 1,000 | 10 | 10,000 | 5 | 50,000 | 135×190 | 237×172×102 | 560×245×195 |

/ TUBE

Package Type Units Dimension (unit