

/ Descriptions

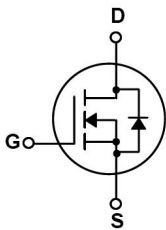
/ Features

Ultra Low On-Resistance,fast switching.

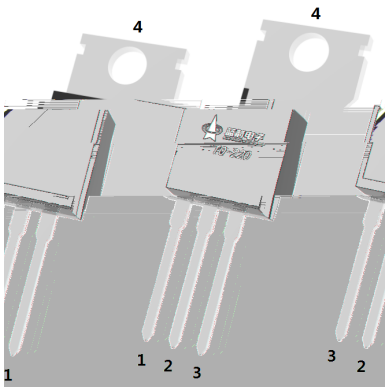
/ Applications

LED

/ Equivalent Circuit



/ Pinning



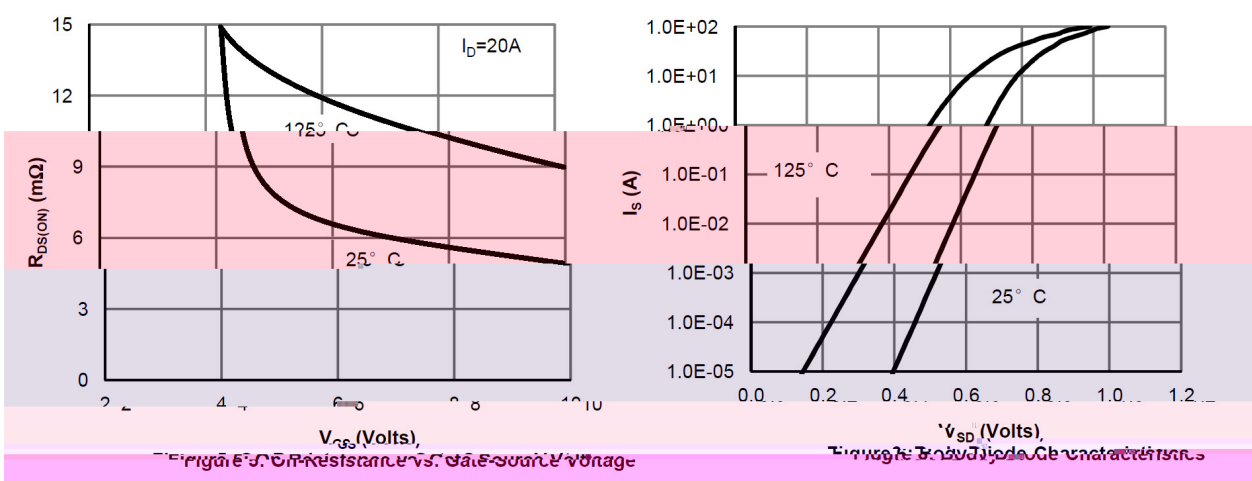
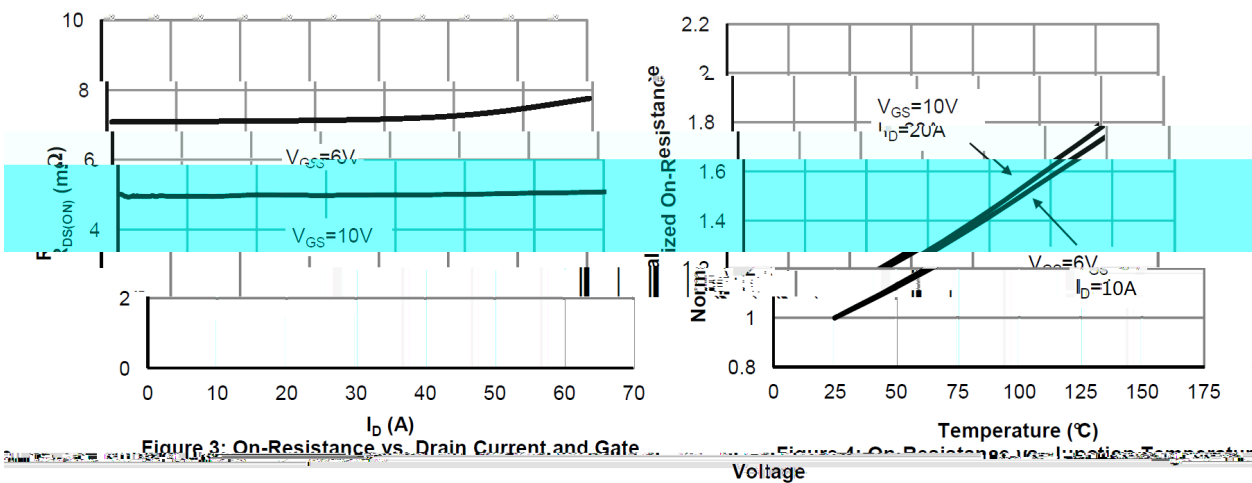
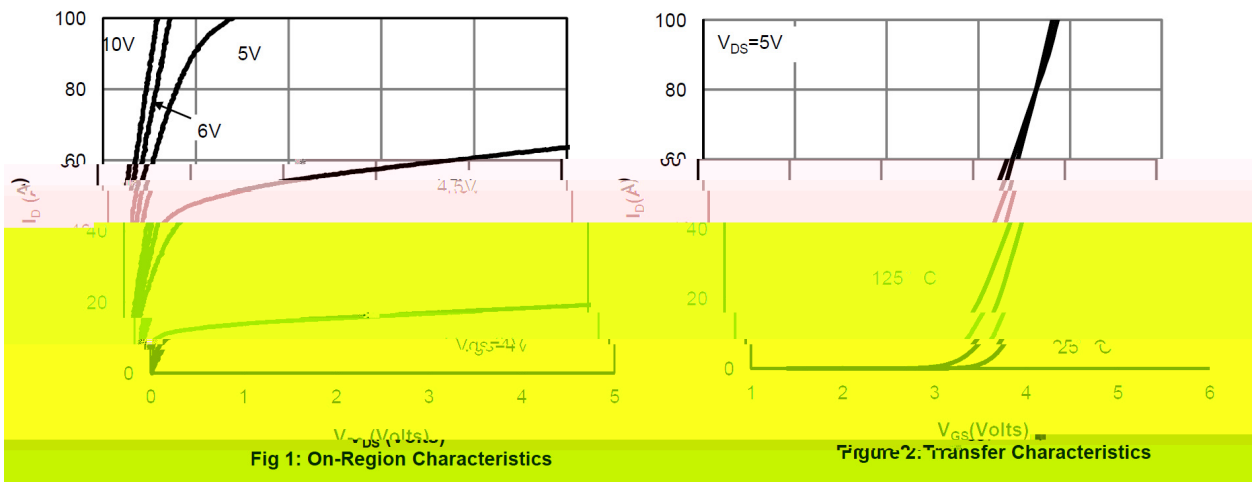
/ Marking



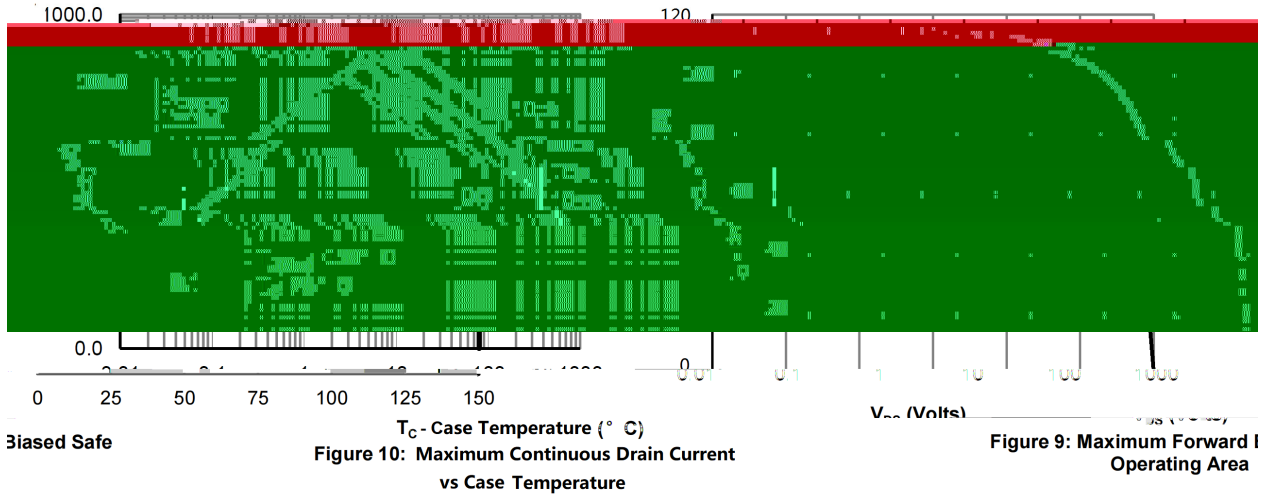
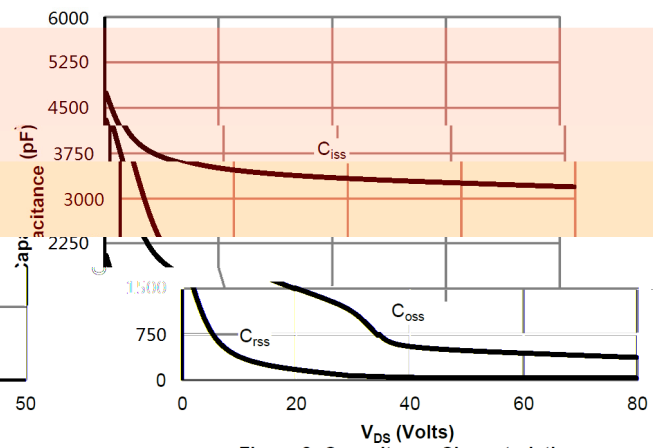
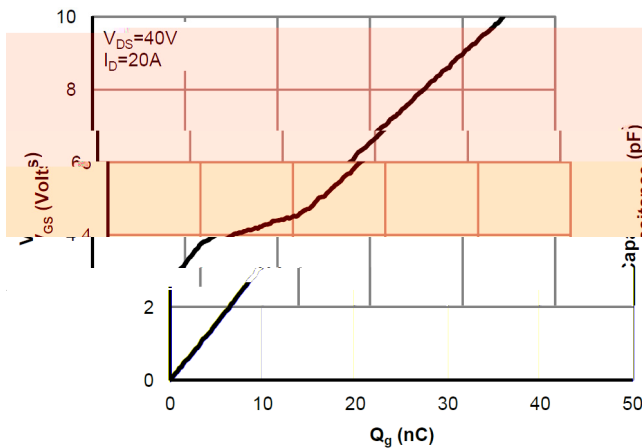
BRCS065N08SHRA

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|--|--|--|--|--|--|--|

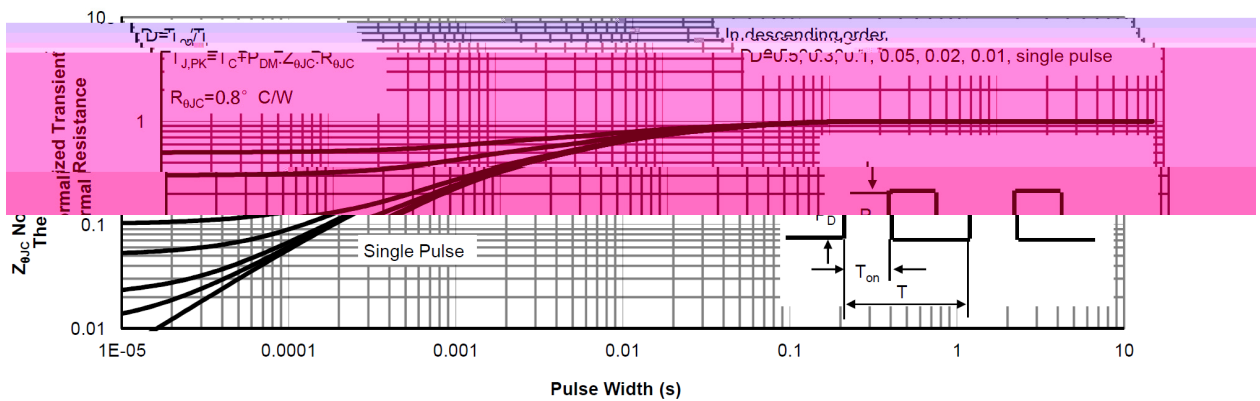
# Electrical Characteristic Curve



## / Electrical Characteristic Curve



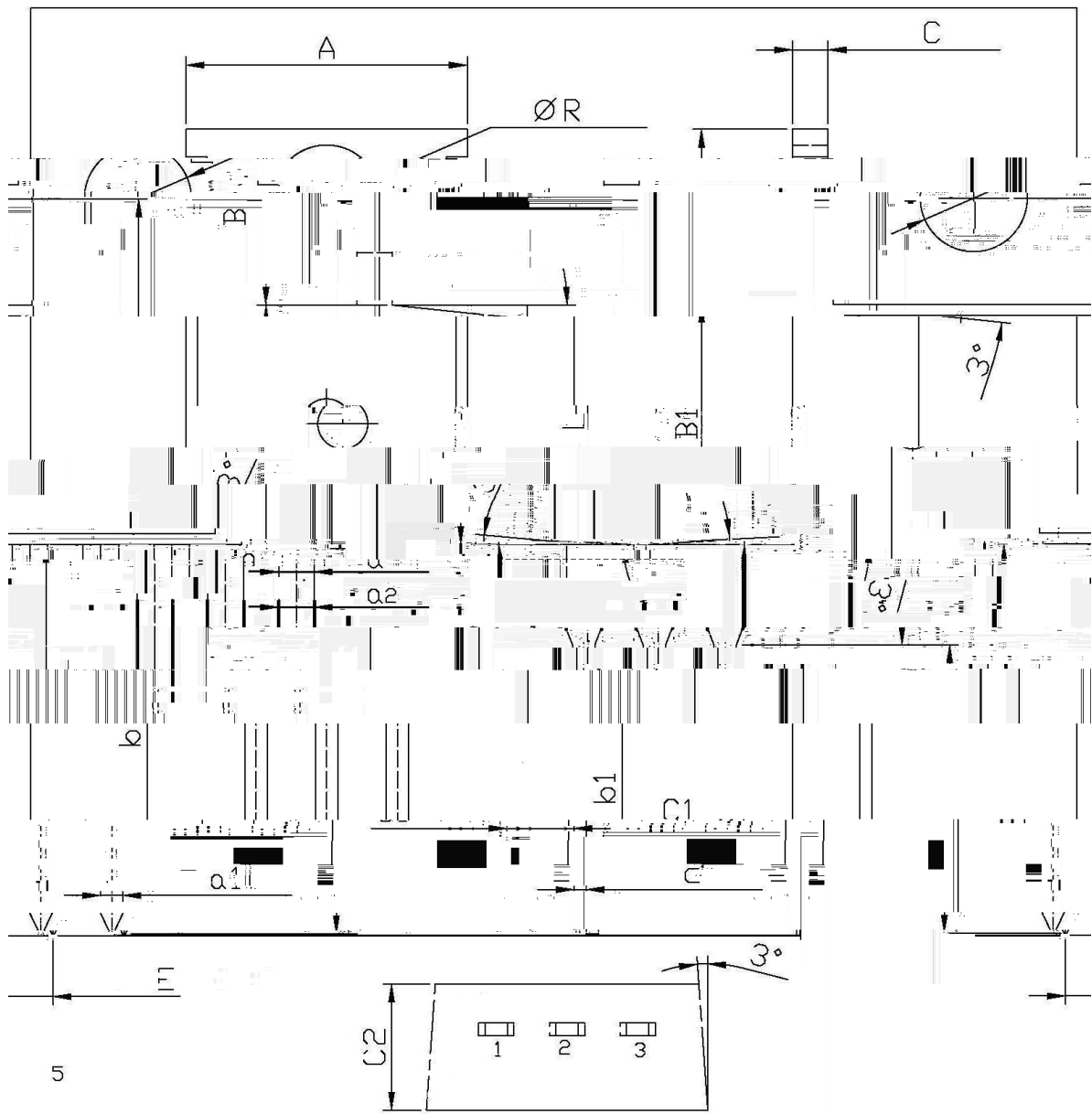
Biased Safe  
 Figure 10: Maximum Continuous Drain Current vs Case Temperature



/ Package Dimensions

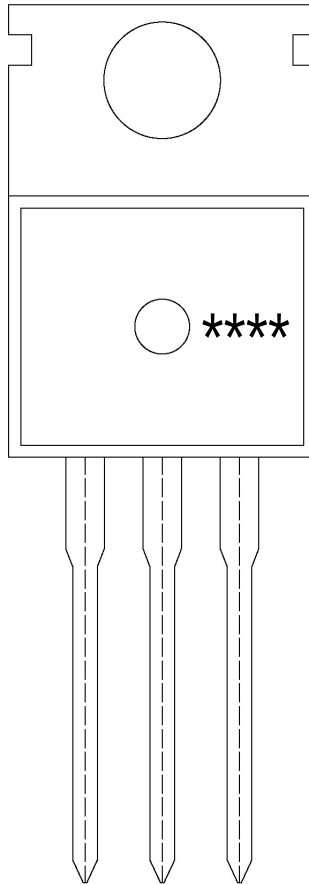
T0-220

单位: mm



| Dimensions In Millimeters |      |      | Dimensions In Millimeters |     |     |
|---------------------------|------|------|---------------------------|-----|-----|
| Symbol                    | Min  | Max  | Symbol                    | Min | Max |
| A                         | 9.8  | 10.2 | C                         | 1.2 | 1.4 |
| R                         | 3.56 | 3.64 | B                         | 6.3 | 6.7 |
| b                         | 15.7 | 16.1 | B1                        | 9.0 | 9.4 |
| b1                        | 12.6 | 13.6 | C1                        | 2.2 | 2.6 |

/ Marking Instructions

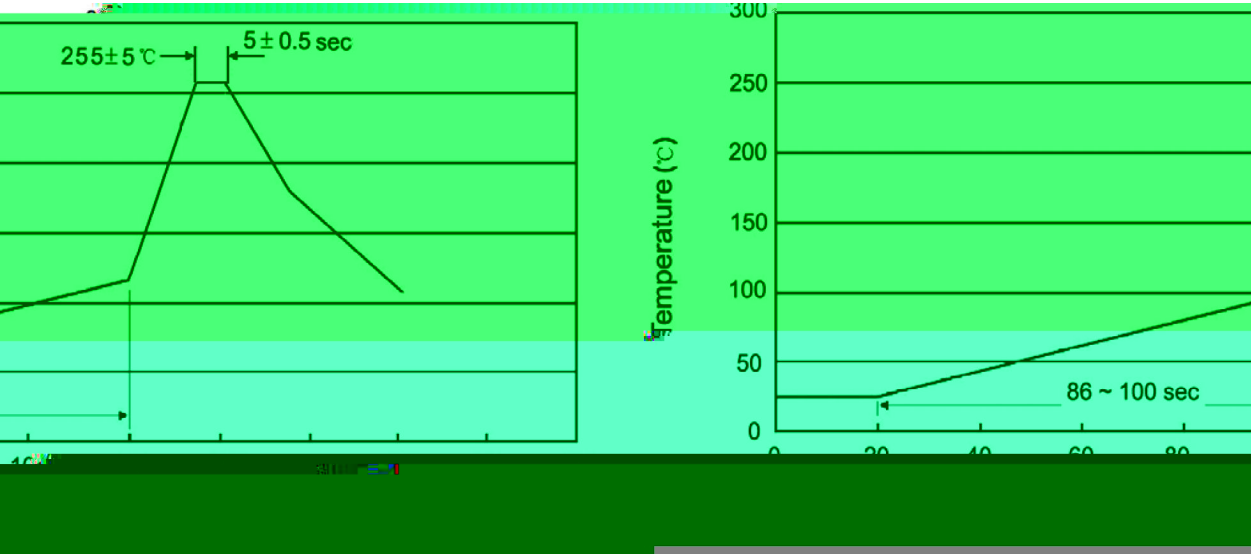


BR

065N08SH

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

|          | Units/Bag<br>/ | Bags/Inner Box<br>/ | Units/Inner Box<br>/ | Inner Boxes/Outer Box<br>/ | Units/Outer Box<br>/ | Bag     | Inner Box   | Outer Box   |
|----------|----------------|---------------------|----------------------|----------------------------|----------------------|---------|-------------|-------------|
| TO-220/F | 200            | 10                  | 2,000                | 5                          | 10,000               | 135×190 | 237×172×102 | 560×245×195 |

|          | 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   |
|----------|-----------------|----------------------|----------------------|----------------------------|----------------------|--------------|------------|-------------|
| TO-220/F | 50              | 20                   | 1,000                | 5                          | 5,000                | 532×31.4×5.5 | 555×164×50 | 575×290×180 |

/ Notices