

BRD4N65S

Rev.A Dec.-2023

/ Descriptions

TO-252 N MOS
N-CHANNEL MOSFET in a TO-252 Plastic Package.

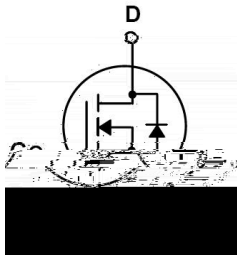
/ Features

Low gate charge, low crss, fast switching, HF Product. Have good Electromagnetic Interference performance, HF Product.

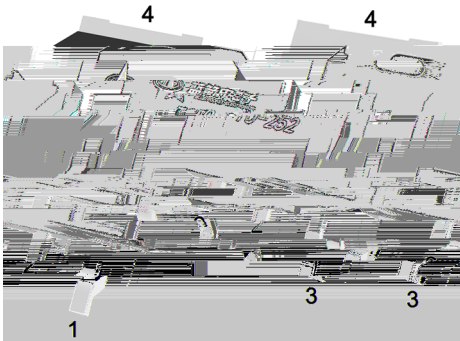
/ Applications

These devices are well suited for power switch circuit of adaptor and charger.

/ Equivalent Circuit



/ Pinning

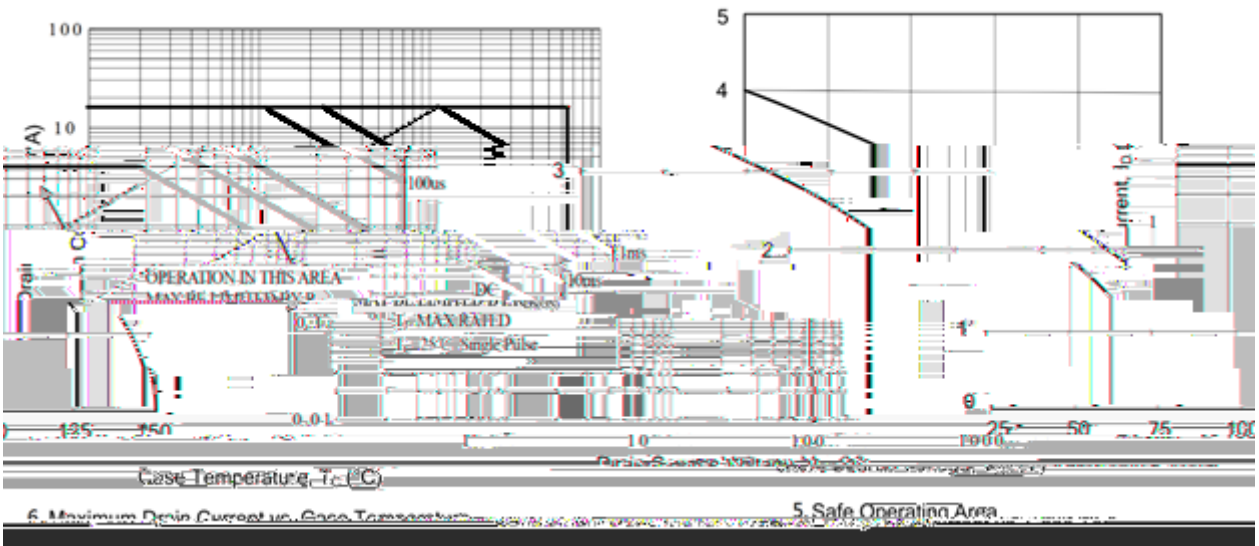
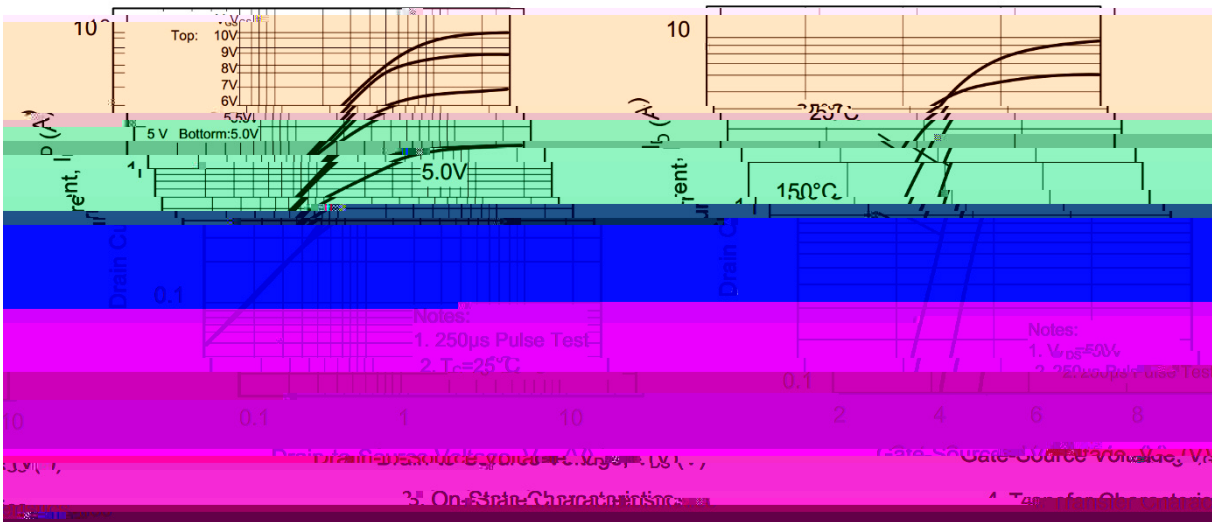
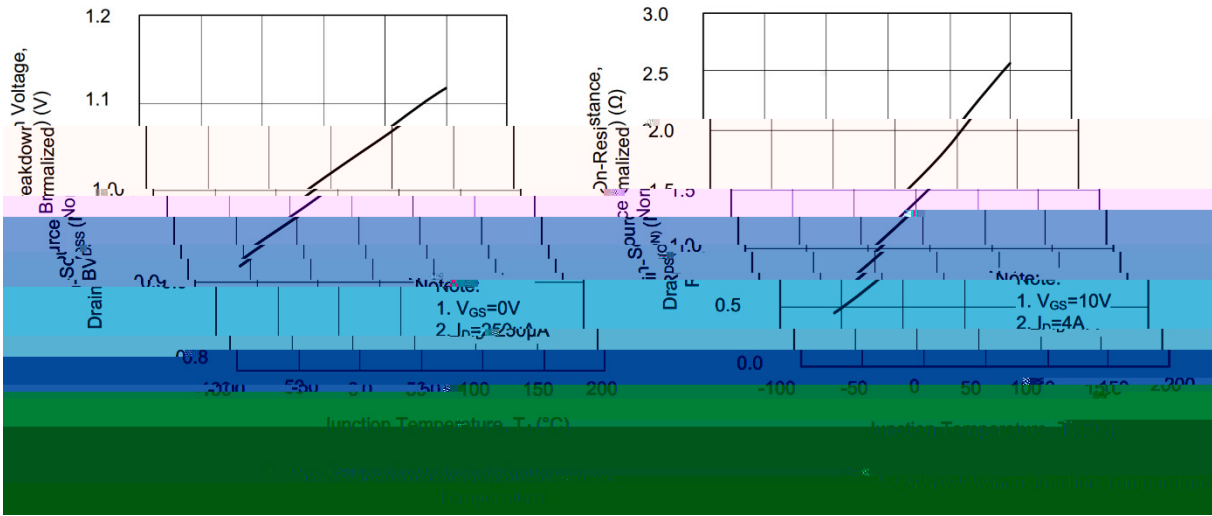


PIN1 G PIN 2 D PIN 3 S PIN 4 D

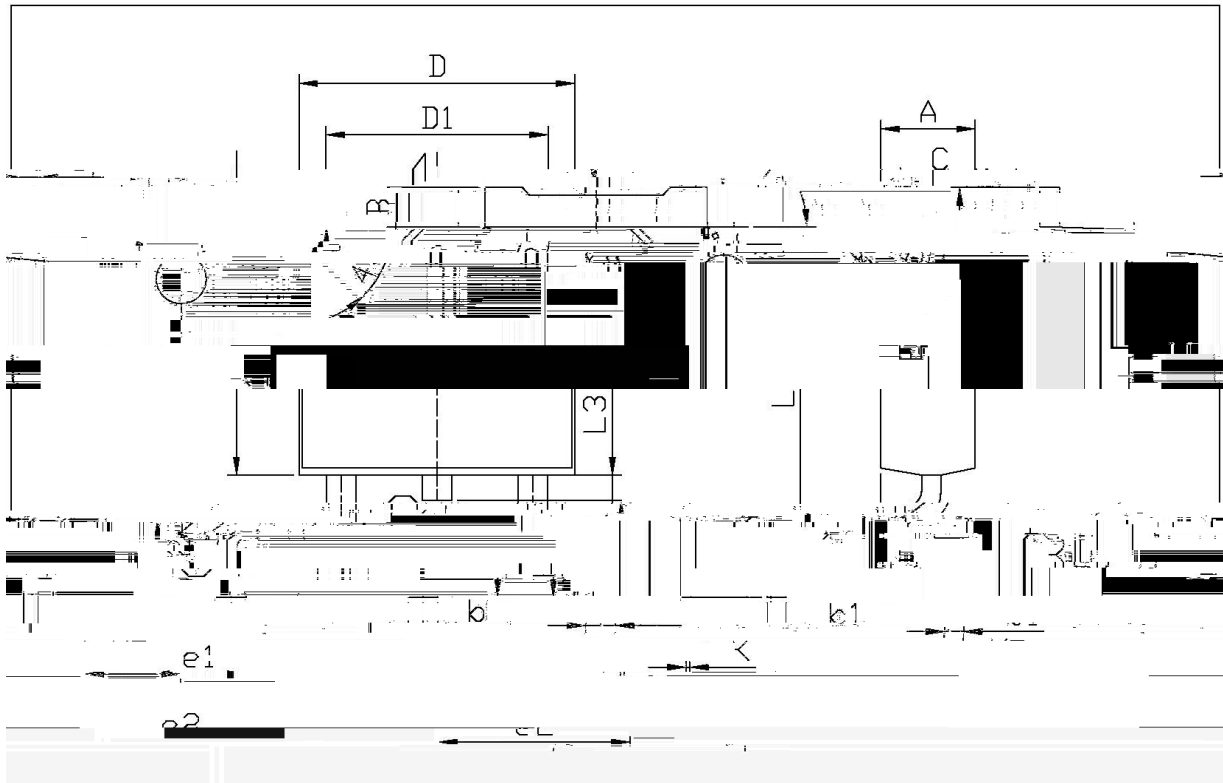
/ Marking

See Marking Instructions.

/ Electrical Characteristic Curve



/ Package Dimensions

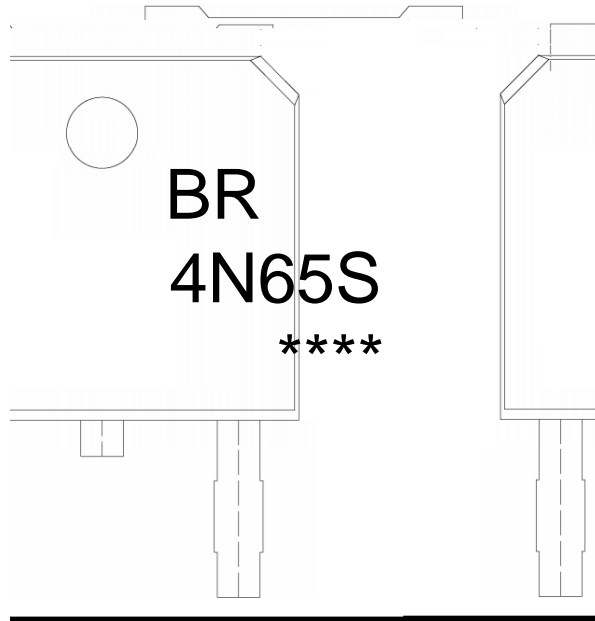


单位: mm

| Dimensions | | In Millimeters | | Dimensions | | In Millimeters | |
|------------|------|----------------|--------|------------|------|----------------|-----|
| Symbol | Min | Max | Symbol | Min | Max | Symbol | Min |
| B | 0.95 | 1.25 | e1 | 2.24 | 2.34 | | |
| b | 0.70 | 0.80 | e2 | 4.2 | 4.72 | | |
| b1 | 0.45 | 0.55 | K | 0.85 | 1.0 | | |
| D | 5.10 | 5.50 | CL | 6.45 | 6.75 | | |
| D1 | 5.10 | 5.50 | | | | | |

TO-252

/ Marking Instructions



BR

4N65S

Note:

BR: Company Code

4N65S: Product Type Code

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

BRD4N65S
Rev.A Dec.-2023