

BRFL20N50

Rev.E Nov.-2017

/ Descriptions

TO-220FL N MOS N-CHANNEL MOSFET in a TO-220FL Plastic Package.

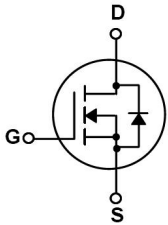
/ Features

Low gate charge Low Crss Fast switching.

/ Applications

These devices are well suited for high efficiency switch mode power supplies .

/ Equivalent Circuit



/ Pinning



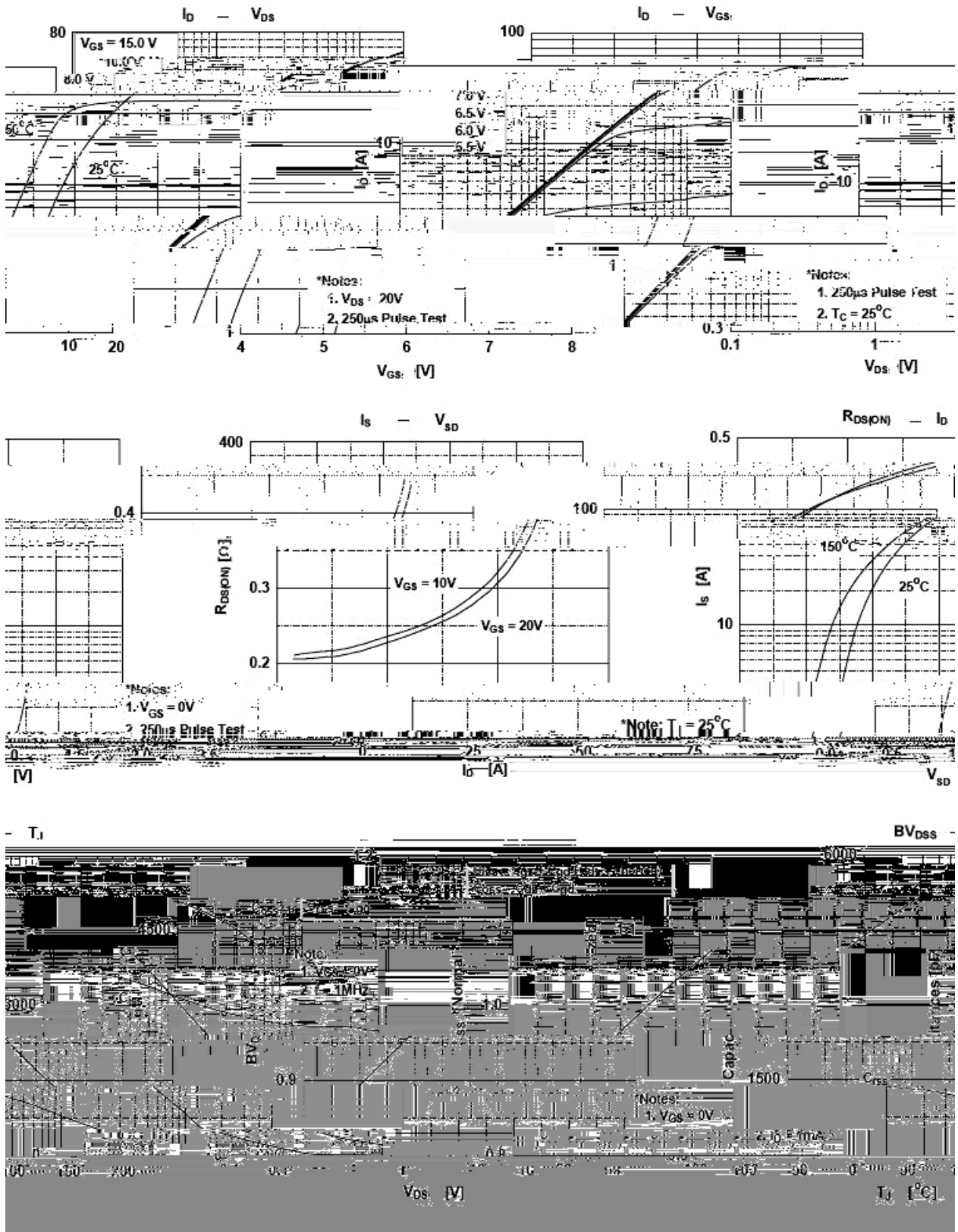
PIN1 G PIN 2 D PIN 3 S

/ h_{FE} Classifications & Marking

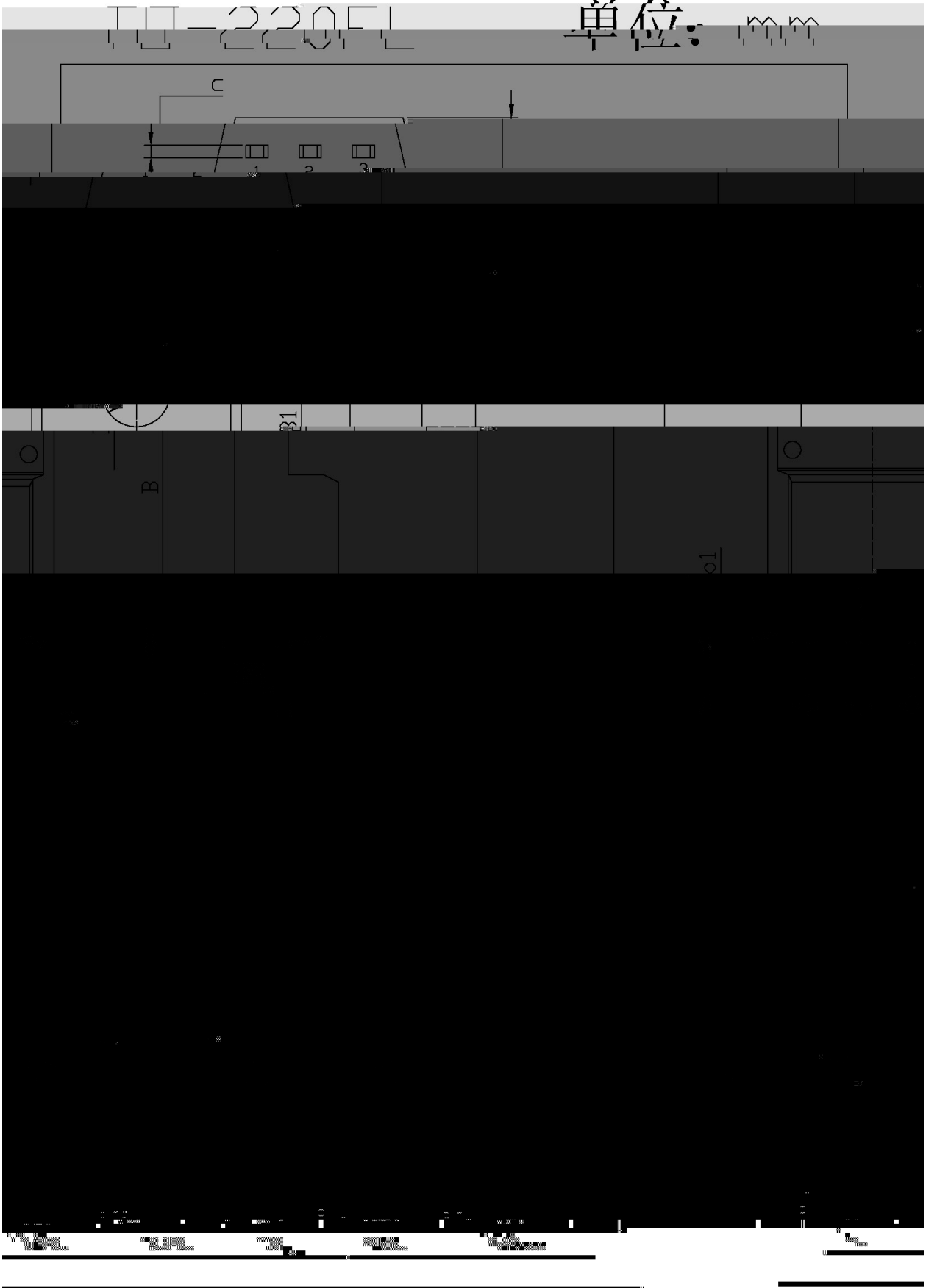
See Marking Instructions.

BRFL20N50

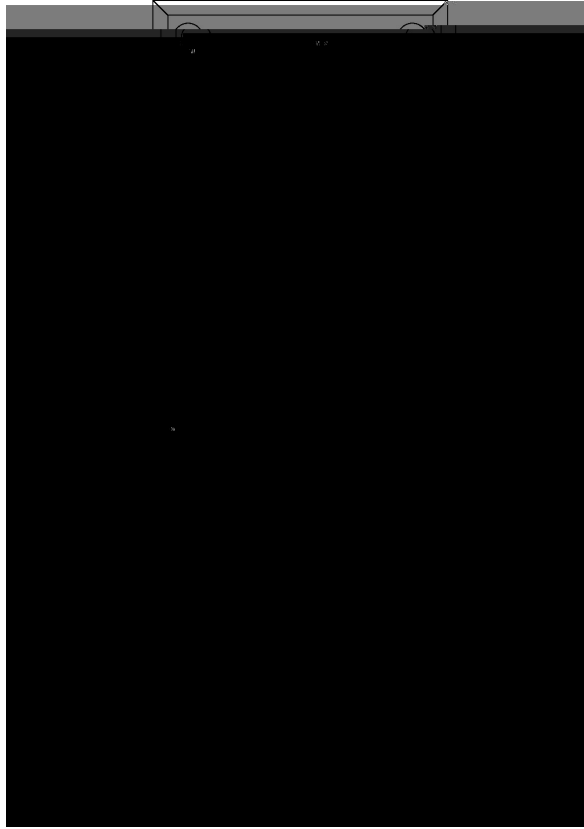
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

20N50

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Note:

BR: Company Code

20N50: Product Type.

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

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



- | | | | | | | |
|---|--------|-----|------------|--------|-------|---|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 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.

/ TUBE

| Package Type 封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: mm ³) | | |
|----------------------|------------|------|-----|-----|-----|---|---|---|
| | 只 套管 | 套管 盒 | 只 盒 | 盒 箱 | 只 箱 | 套管 | 盒 | 箱 |
| | | | | | | | | |

/ Notices