BRFL20N50

Rev.E Nov.-2017

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

TO-220FL ᴍ Ṃ Ḫ N ᵴ MOS ʃ ѽ Ẓ ㄱ N-CHANNEL MOSFET in a TO-220FL Plastic Package.

/ Features

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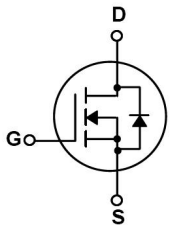
Low gate charge Low Crss Fast switching.

/ Applications

ᵹ ≍ ѽ GF2GF ᶎ Ϋ Ω ᵓ ı ' Ã ʜ

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

/ Equivalent Circuit



/ Pinning

PIN1 χ G PIN 2 χ D PIN 3 χ S

/ h_{FE} Classifications & Marking

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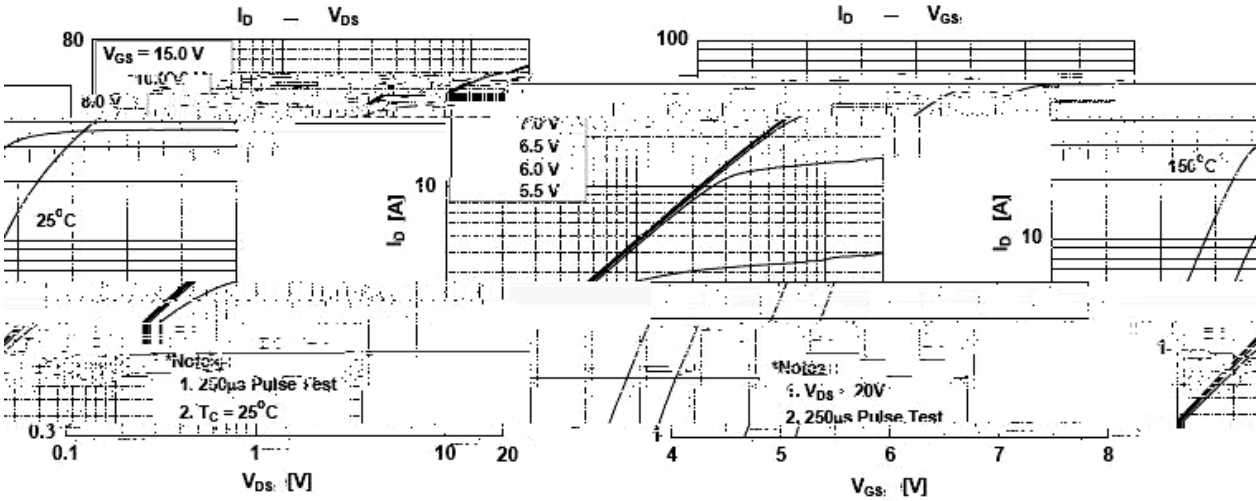
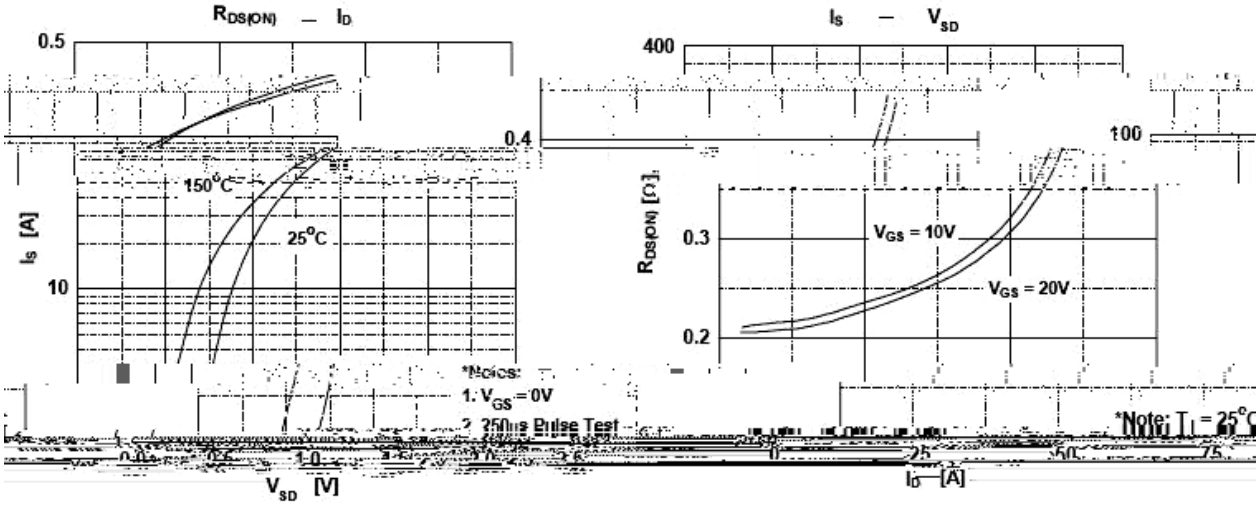
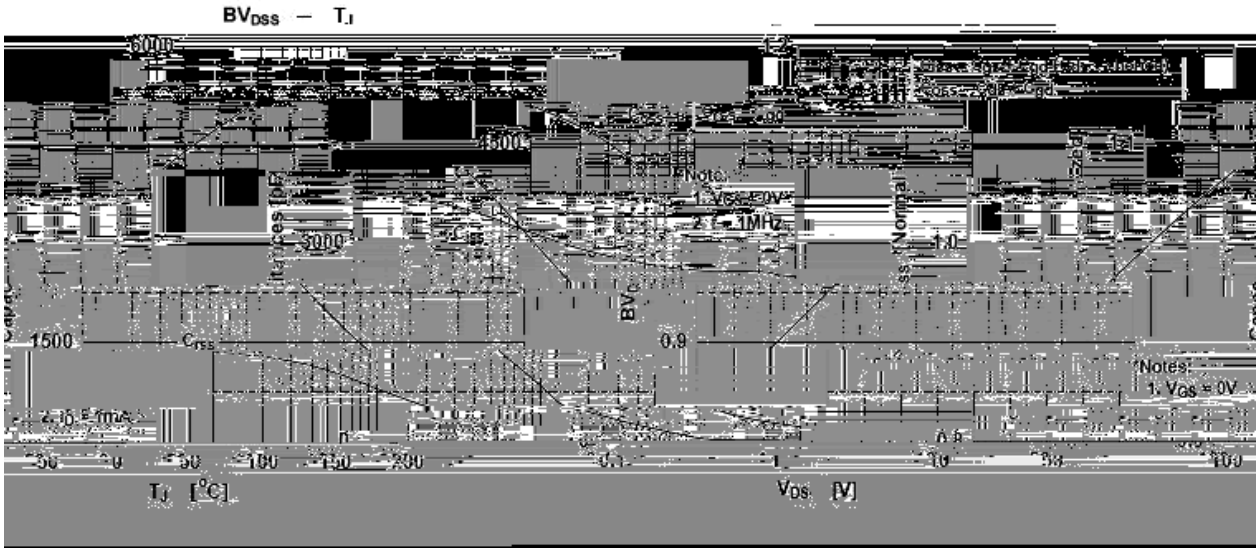
BRFL20N50

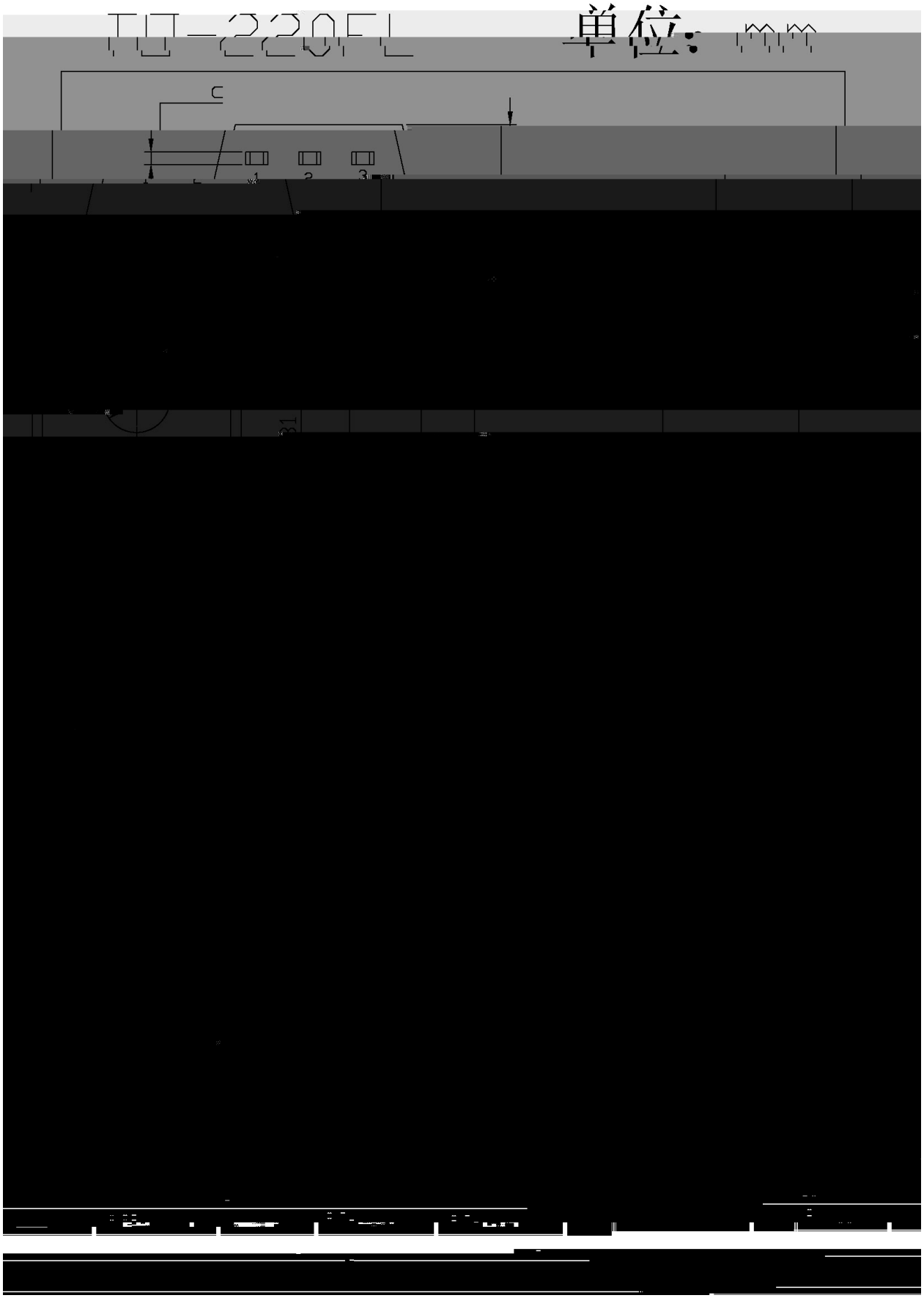
/ Electrical Characteristic Curve



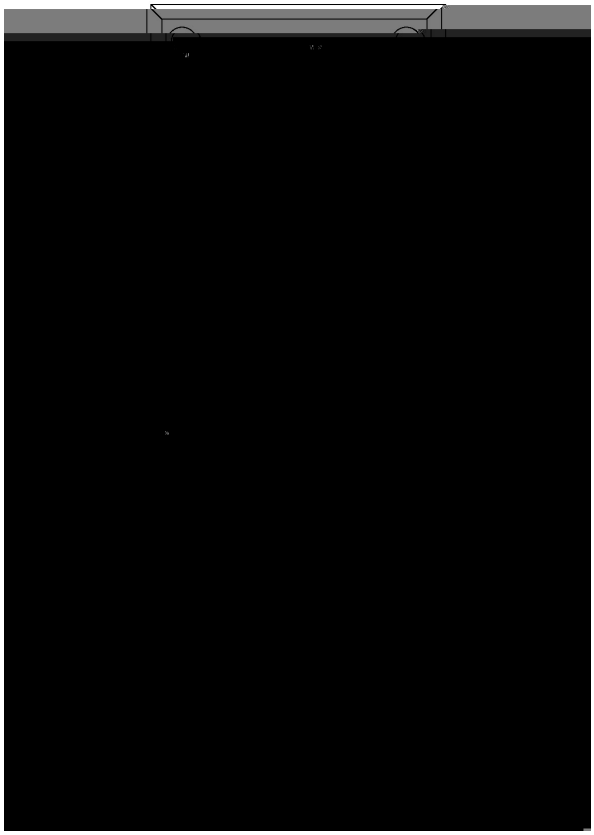




/ Package Dimensions



/ Marking Instructions



BR χ	
20N50 χ	
---- χ	

Note:

BR:	Company Code
20N50:	Product Type.
****:	Lot No. Code, code change with Lot No.

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

ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı `H ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı `H ڑ `Y ﾊ ㎛ 5 ° 0.5sec;

3 ì ˙ ｲ ˛ ɔ ๛ ỷ ㎛ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ `H ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

˛ ｱ ｬ Ł / TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-220FL	50	20	1,000	5	5,000	532×33×7.0	555×164×50	575×290×180

/ Notices