

/ Descriptions

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

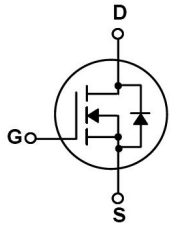
/ Features

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

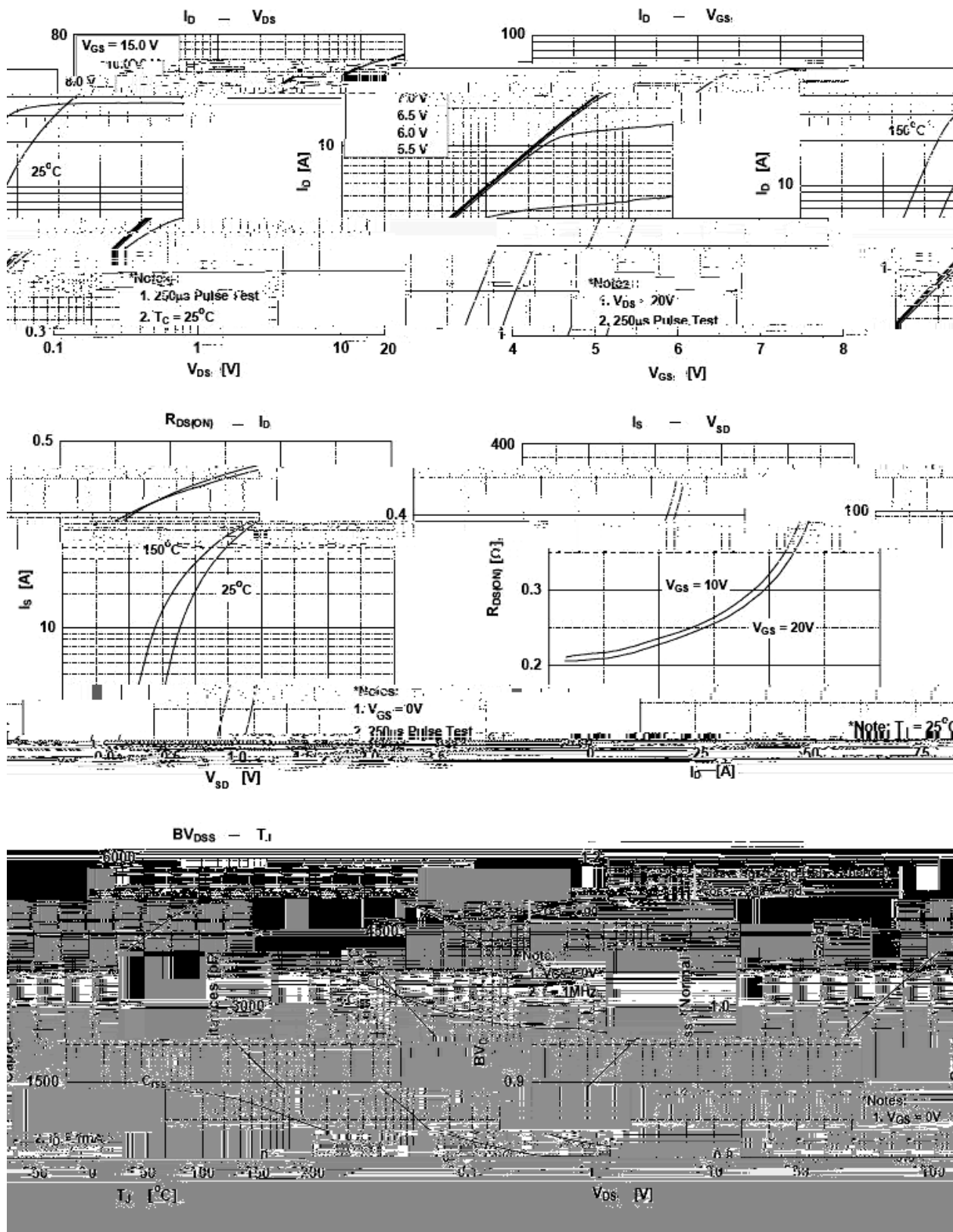
PIN 3 S

/ h_{FE} Classifications & Marking

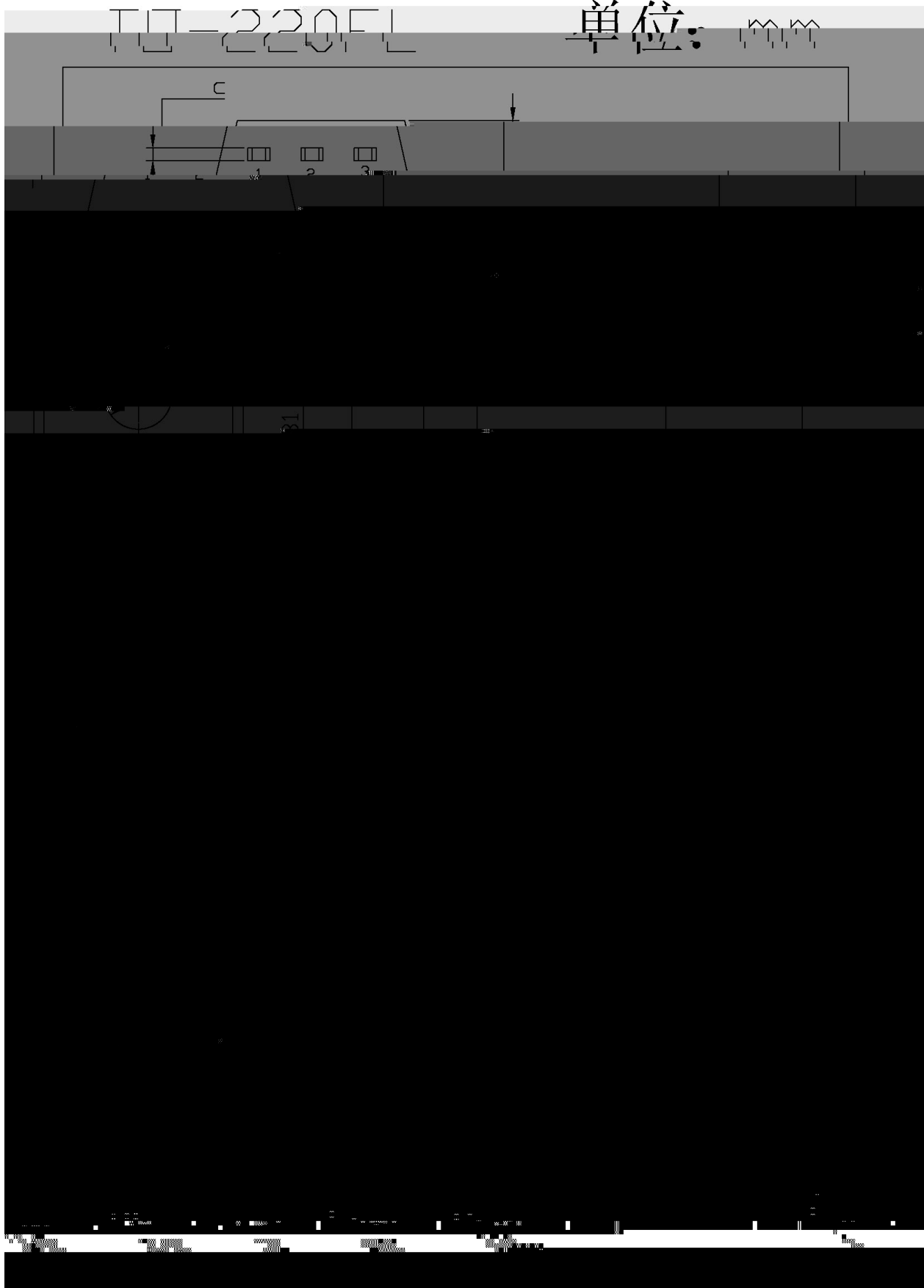
See Marking Instructions.

BRFL20N50

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



Б " X

BR X

20N50 X

---- X

Note:

BR:

20N50:

****:

BR X

20N50 X

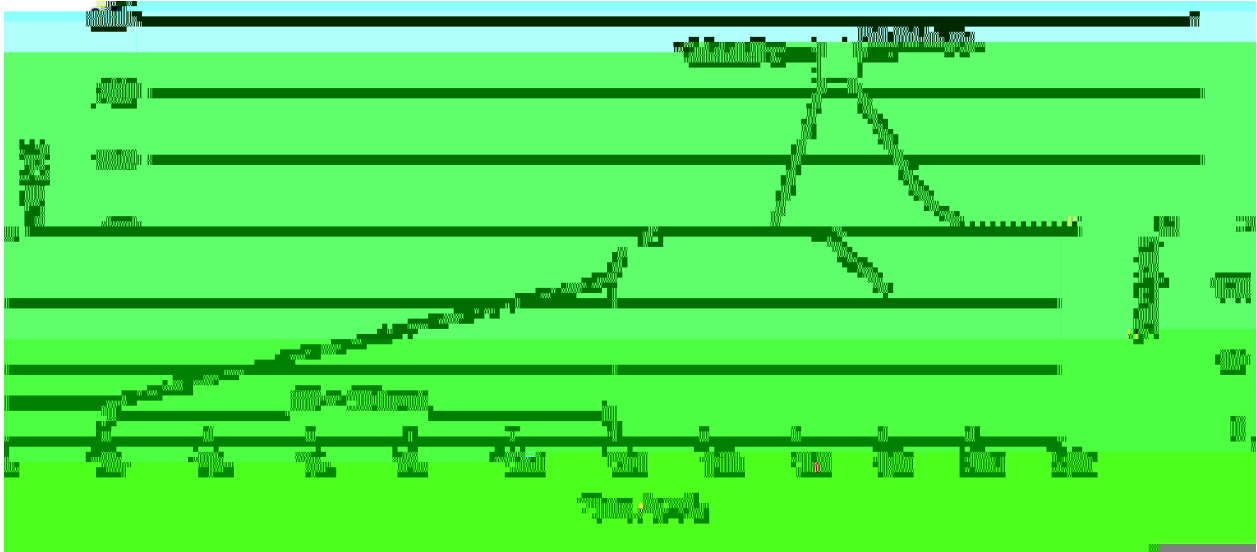
BRFL20N50 X

Company Code

Product Type.

Lot No. Code, code change with Lot No.

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



℃

1. 25~150℃, Time: 60~90sec;

2. 255±5℃, Time: 5~0.5sec;

3. Cooling Speed: 2~10℃/sec.

Note:

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

2. Peak Temp.: 255±5℃, Duration: 5~0.5sec.

3. Cooling Speed: 2~10℃/sec.

/ Resistance to Soldering Heat Test Conditions

270±5℃

Time: 10±1 sec.

Temp.: 270±5

Time: 10±1 sec

/ Packaging SPEC.

1 / 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