/ Descriptions

TO-220FL ṂṂ Ŀ N ঌ MOS ʃ ѽ Ẓ ㄱ N-CHANNEL MOSFET in a TO-220FL Plastic Package.

/ Features

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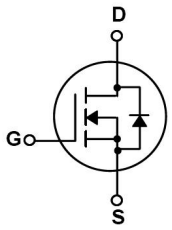
Low gate charge Low Crss Fast switching.

/ Applications

ᵹ ≍ ѽ GF2GF ᶎ Ϋ Ω ᵓ ı ' Ầ ʜ

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

/ Equivalent Circuit



/ Pinning



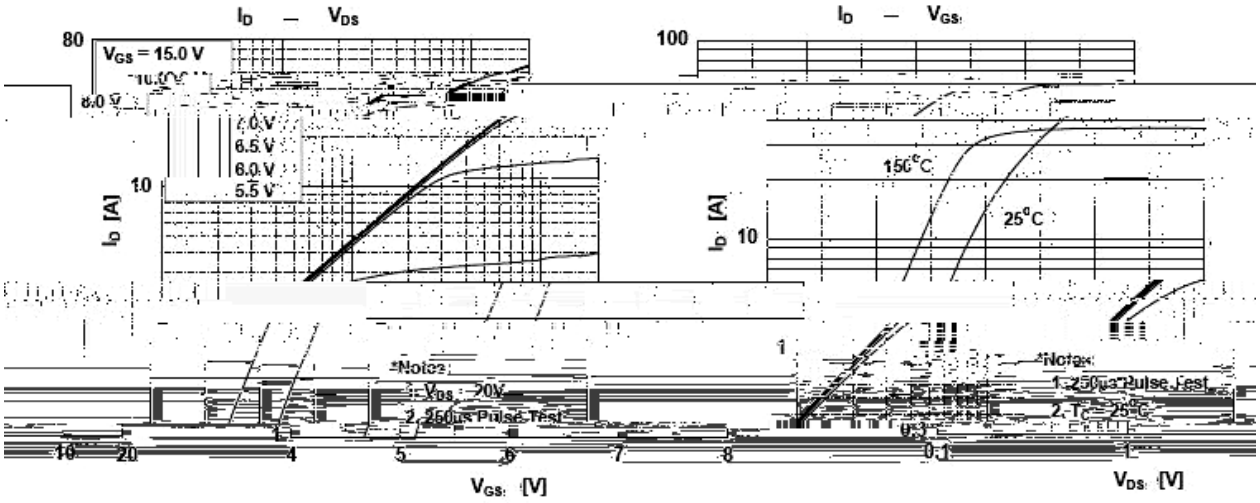
PIN1 χ G PIN 2 χ D PIN 3 χ S

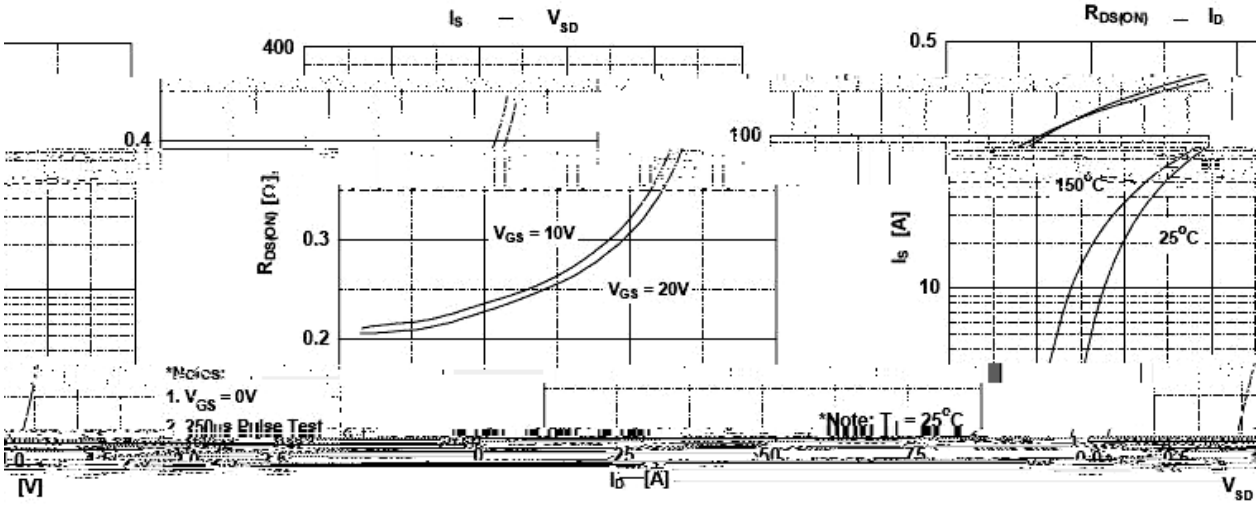
/ h_{FE} Classifications & Marking

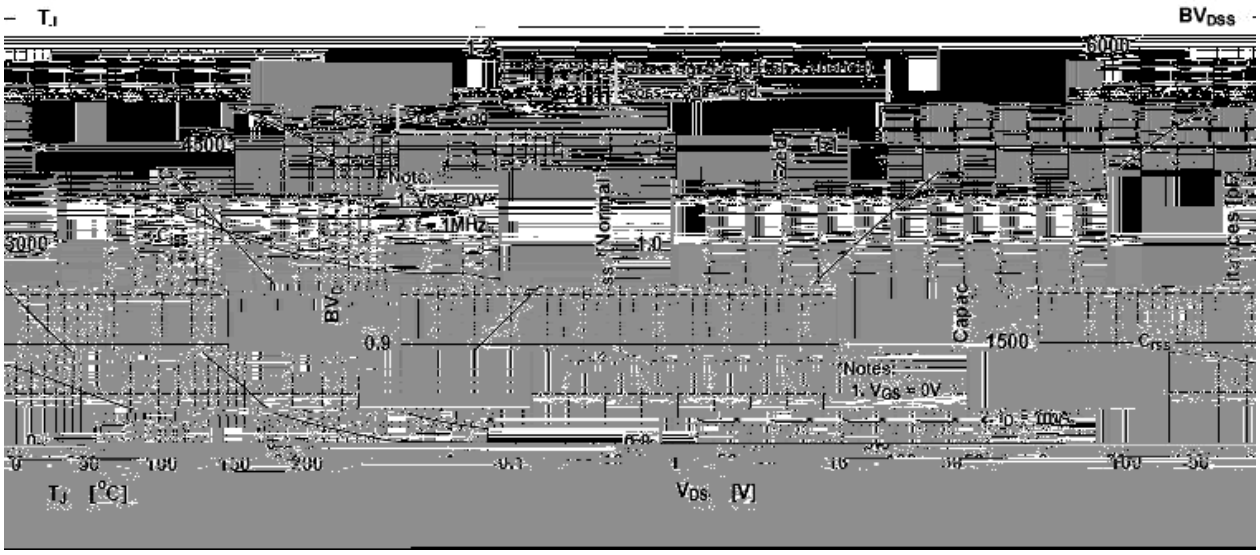
ỏ м ㄱ ب ″ See Marking Instructions.

BRFL20N50

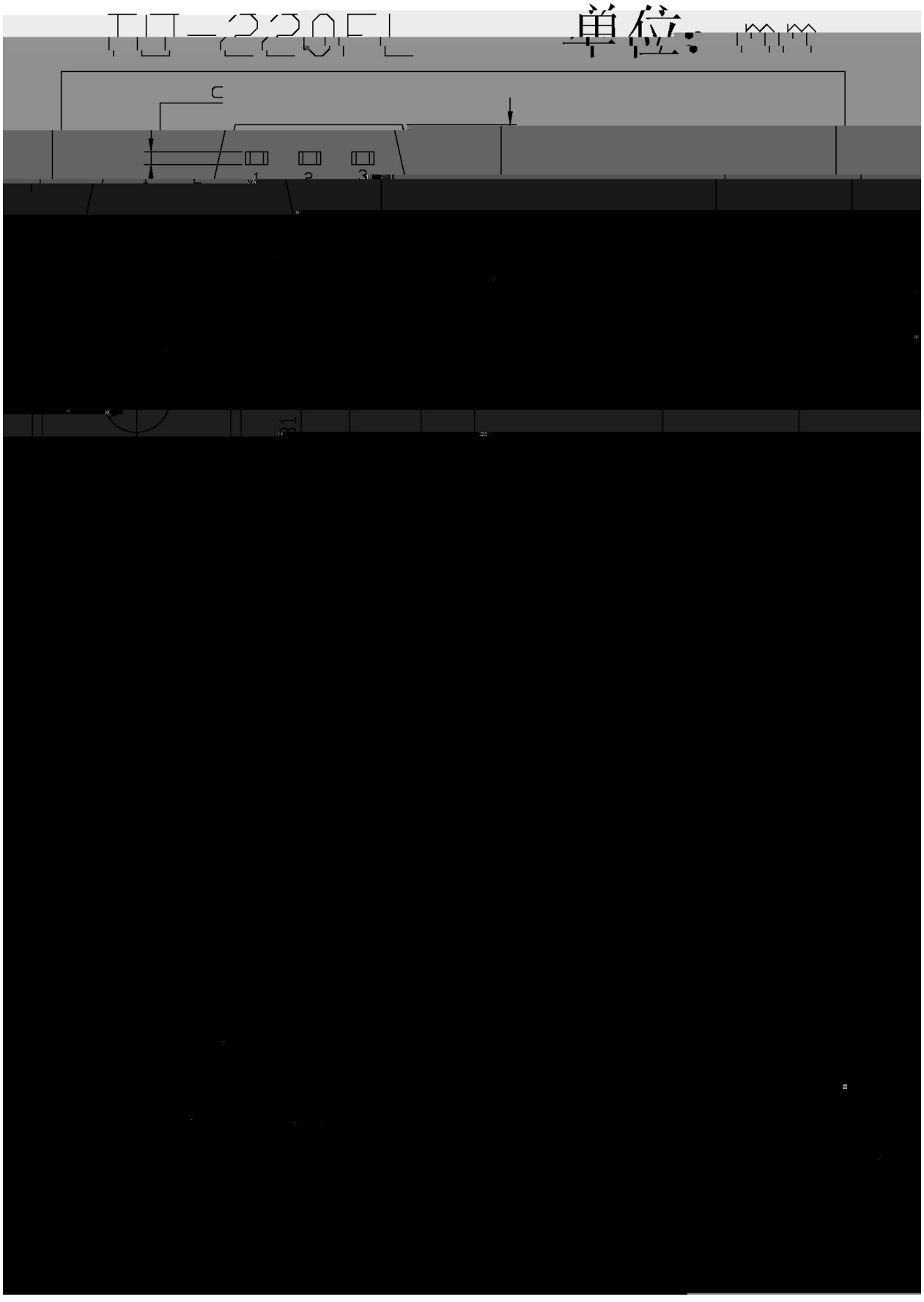
/ Electrical Characteristic Curve



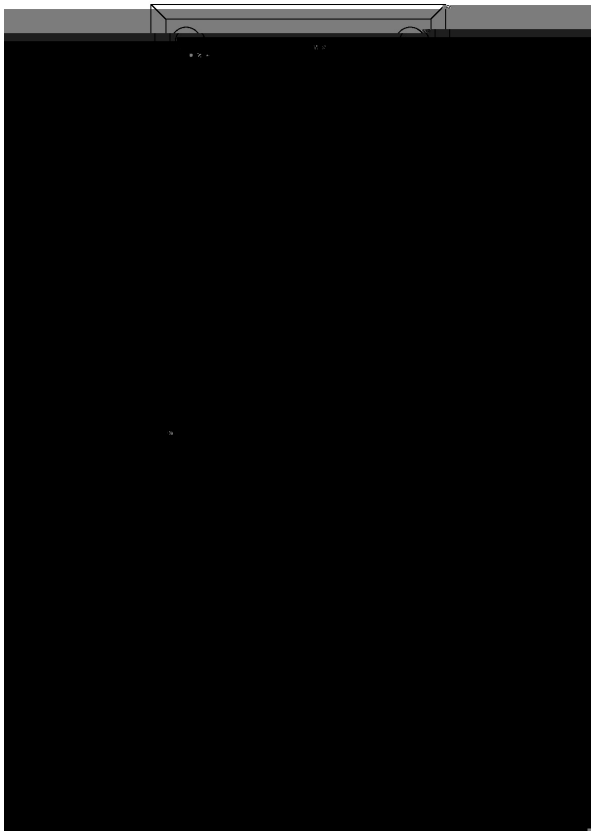




/ Package Dimensions

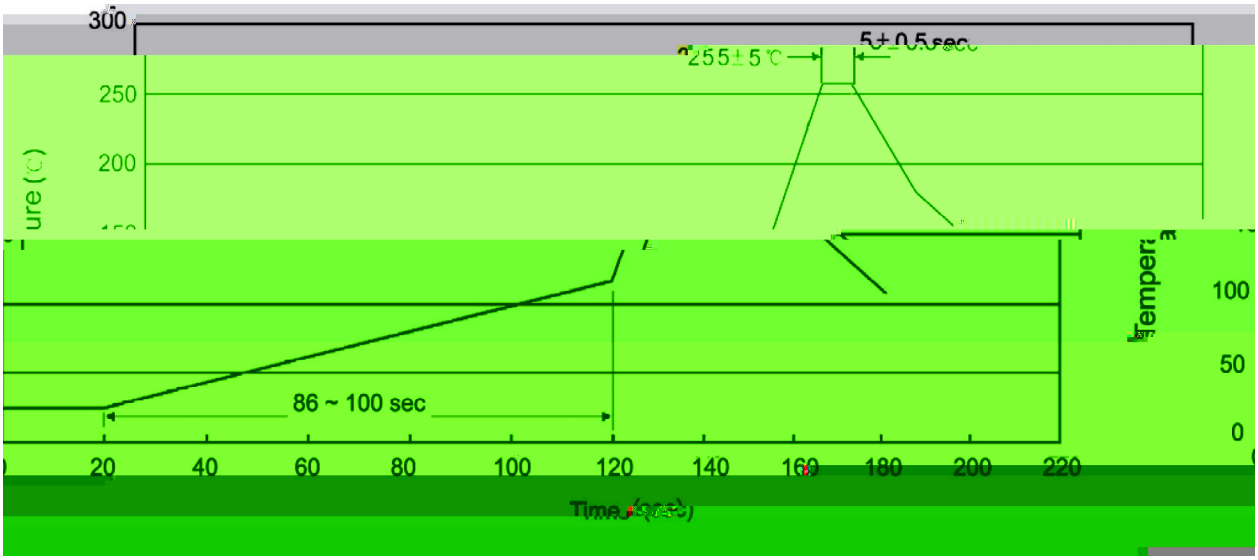


/ Marking Instructions



◌̇ ◌̋ χ	
BR χ	ꟾꟾ ꞯ ᴎ ᒥᒽ
20N50 χ	ꟾꟾ ʒ ᴺ ᒥᒽ
---- χ	ꟾꟾ ꞁ ꜰ ᵑ̈ ᴺ ᒥᒽ ꞁ ₹ ꞁ ꜰ ᵑ̈ ᴺ Ψ ᑭ
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 ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾊ ㎛ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ෯ 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 ˋH ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

˛ ㄱ ㄚ Ŀ / 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