

/ Descriptions

TO-220FL N MOS

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

/ Features

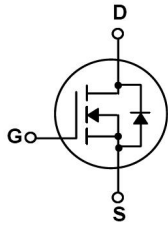
Low gate charge, Low Crss , Fast switching.Have good Electromagnetic Interference performance.

/ Applications

UPS

High efficiency switch mode power supplies, Electronic lamp ballasts based on half bridge, UPS .

/ Equivalent Circuit



/ Pinning



PIN1 G

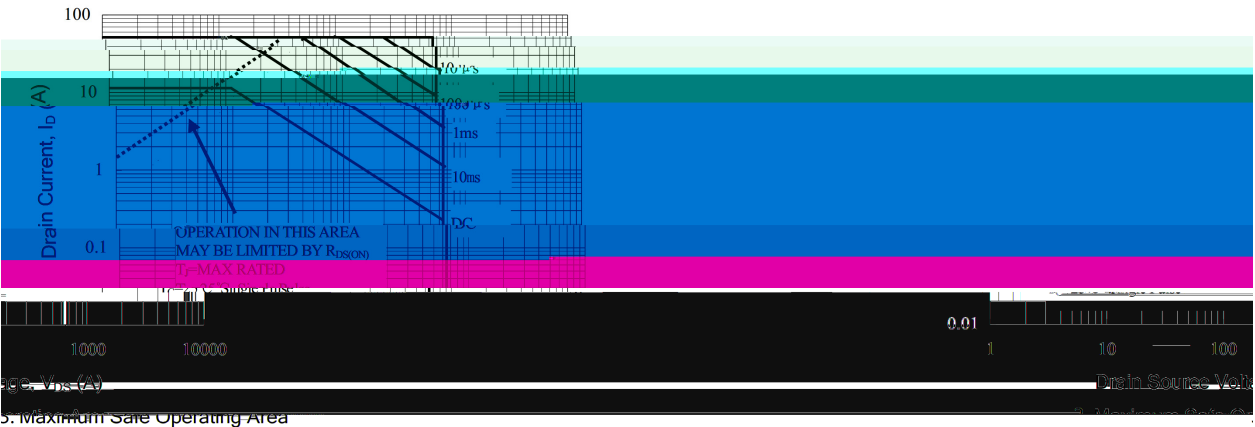
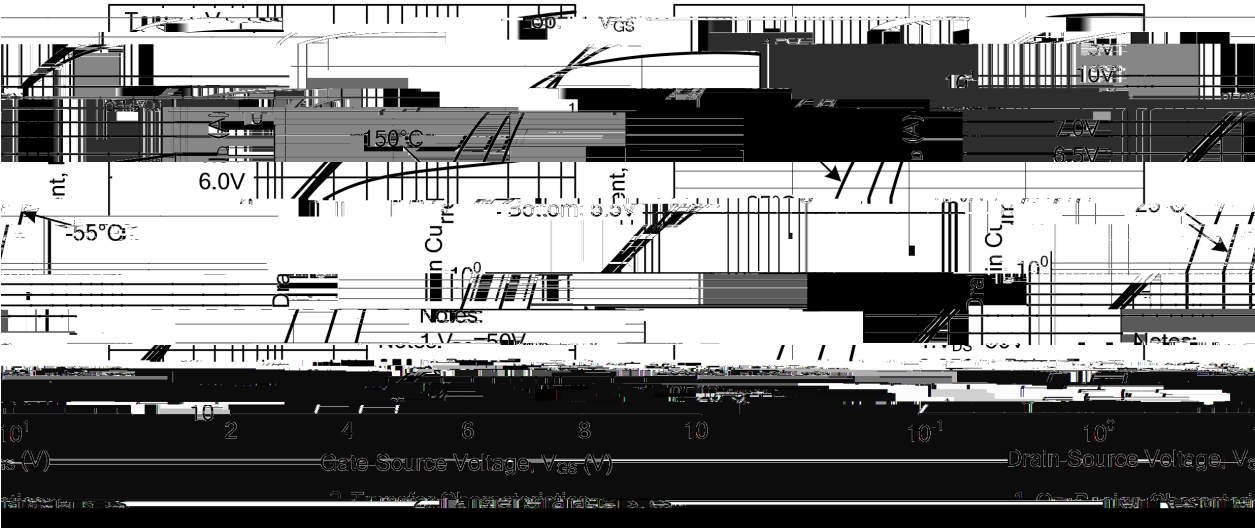
PIN 2 D

PIN 3 S

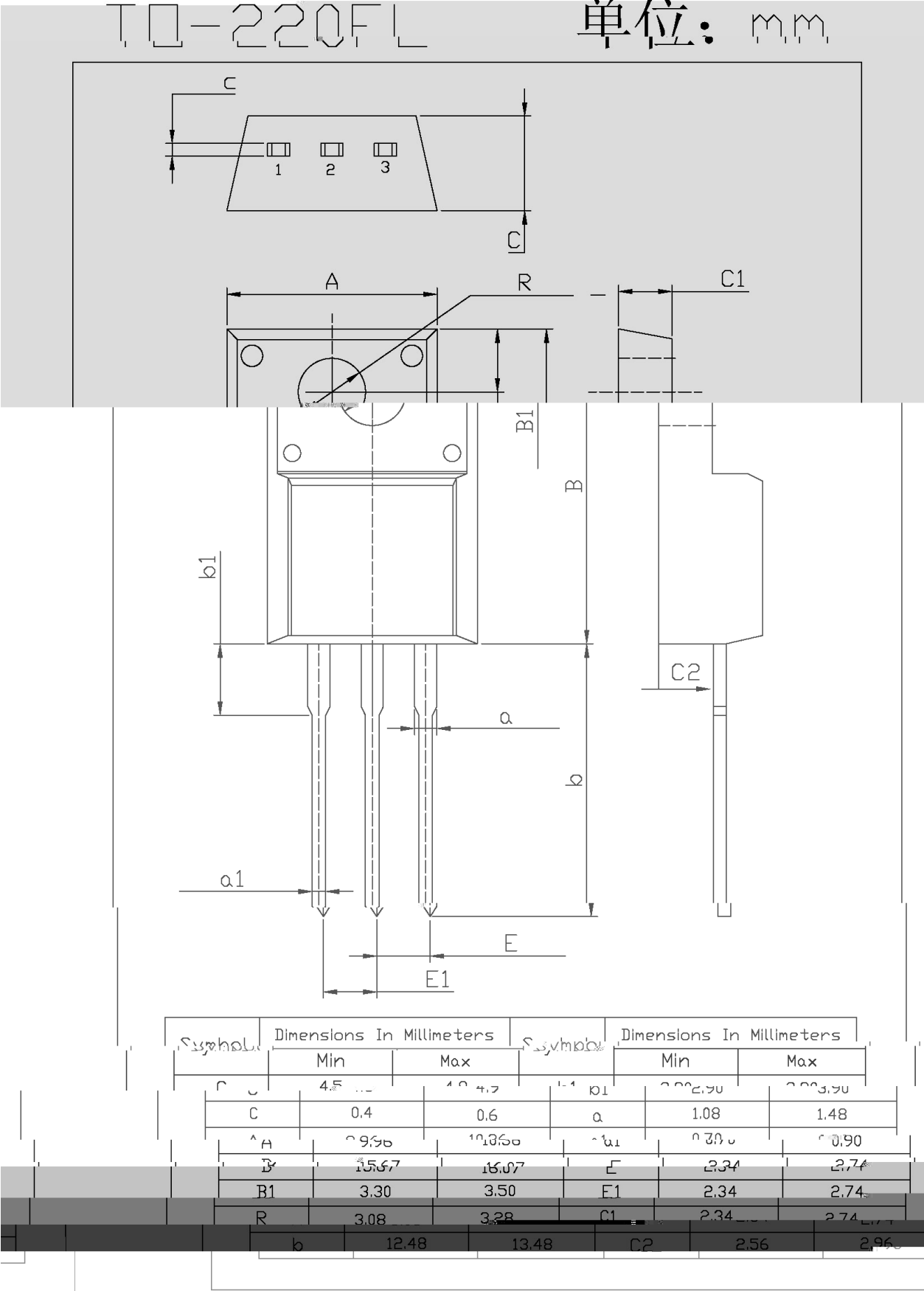
/ Marking

See Marking Instructions.

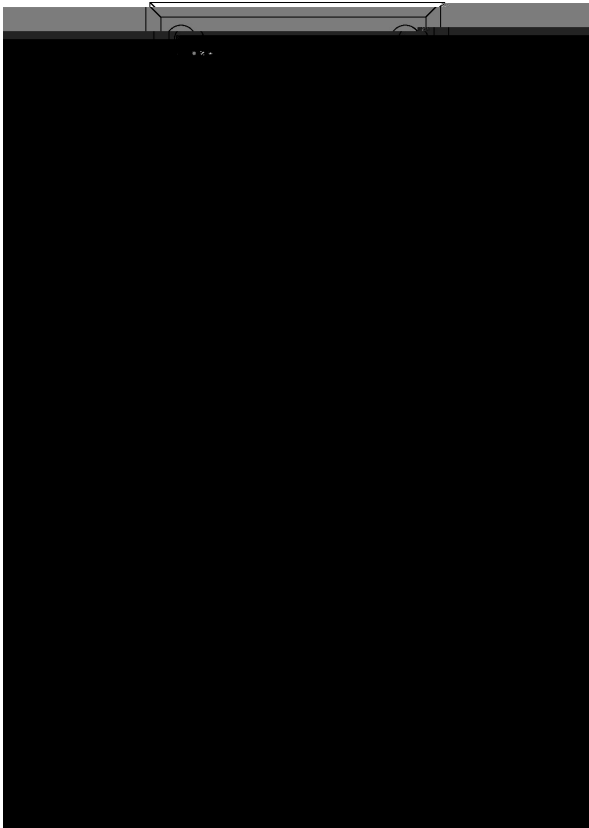
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR
12N65S

Note:
BR: Company Code
12N65S: Product Type Code
****: Lot No. Code, code change with Lot No

Note:			
1	25 150	60 90sec;	1.Preheating:25~150 , Time:60~90sec.
2	255±5	5±0.5sec;	2.Peak Temperature