

KSC5027F

Rev.F Mar.-2016



DATA SHEET

/ Descriptions

TO-220F

NPN

Silicon NPN transistor in a TO-220F Plastic Package.

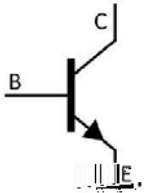
/ Features

High speed switching, high SOA.

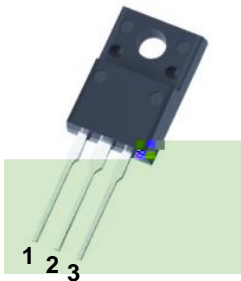
/ Applications

High voltage switching and amplifier applications.

/ Equivalent Circuit



/ Pinning

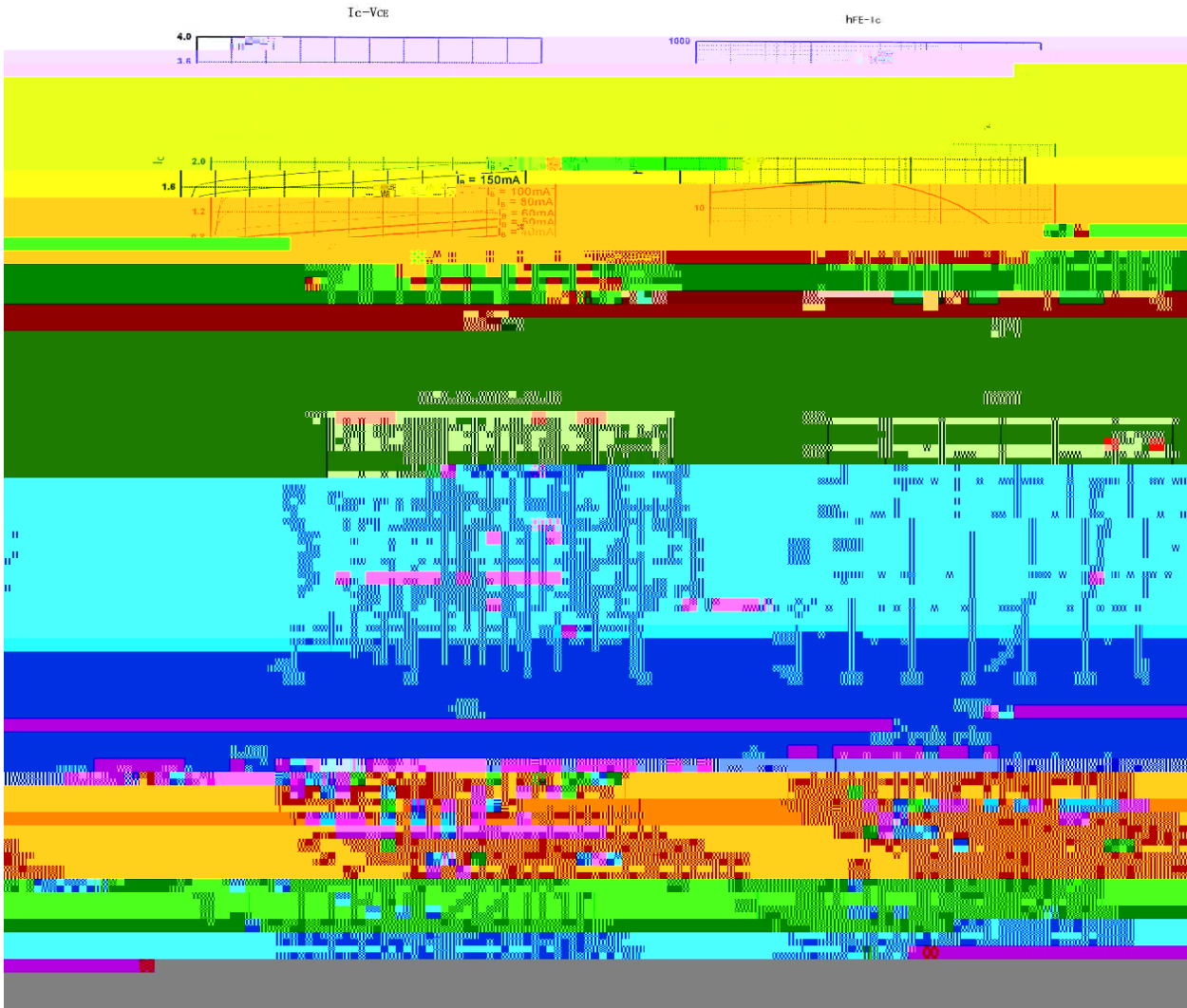


PIN1 Base PIN 2 Collector PIN 3 Emitter

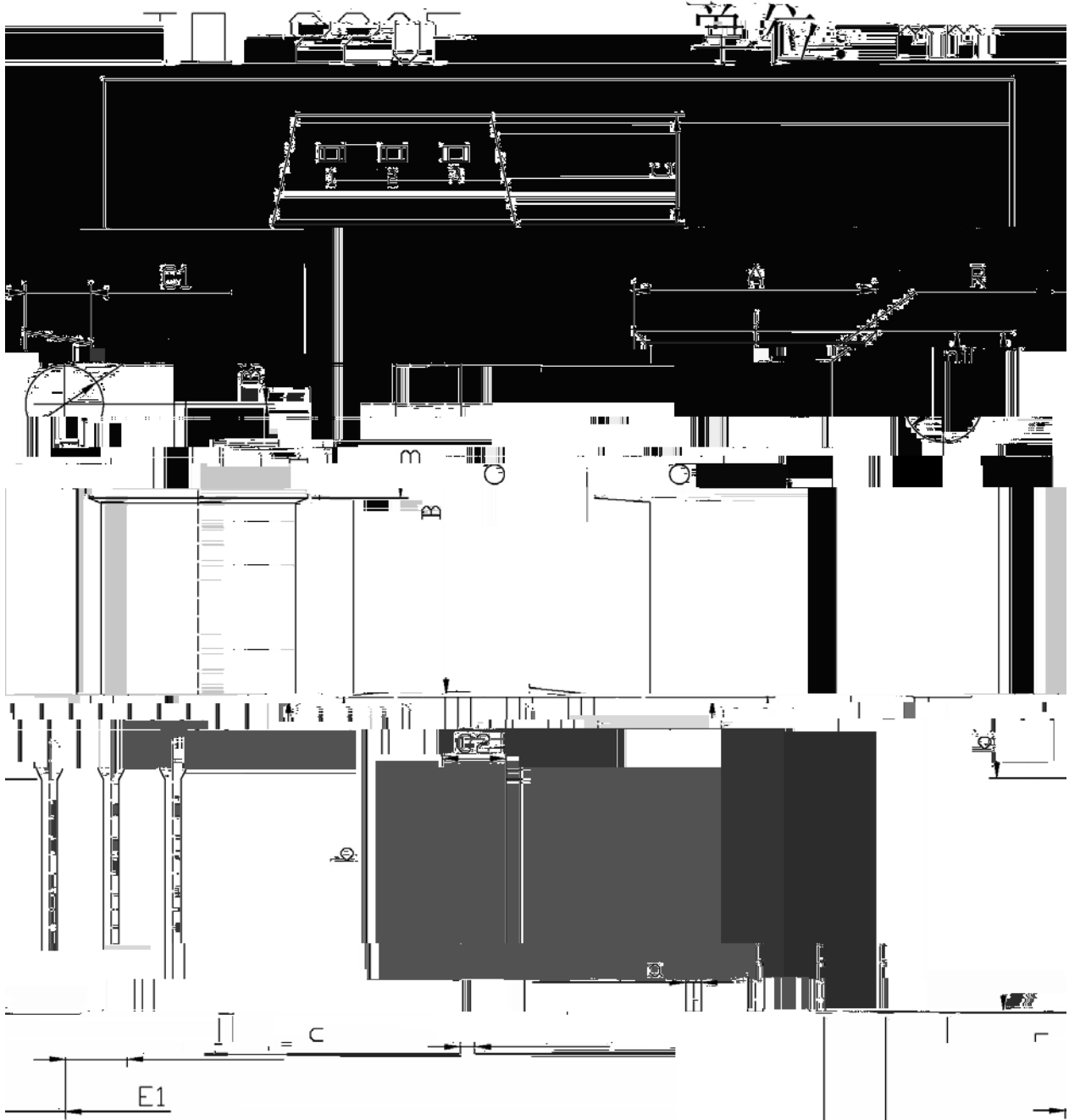
/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	N	R	O
h_{FE} Range	10 20	15 30	20 40

/ Electrical Characteristic Curve



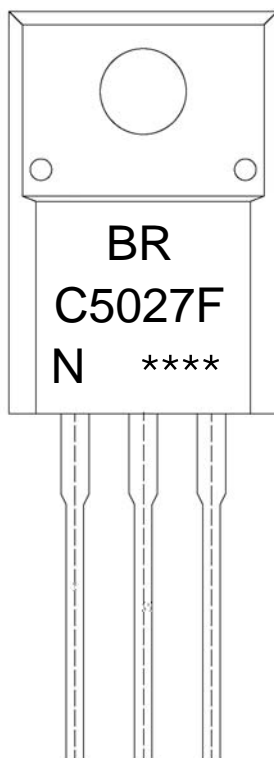
/ Package Dimensions



Dimensions In Millimeters	Dimensions In Millimeters	Dimensions In Millimeters	Dimensions In Millimeters
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/ Marking Instructions



BR

C5027

N: h_{FE}

Note:

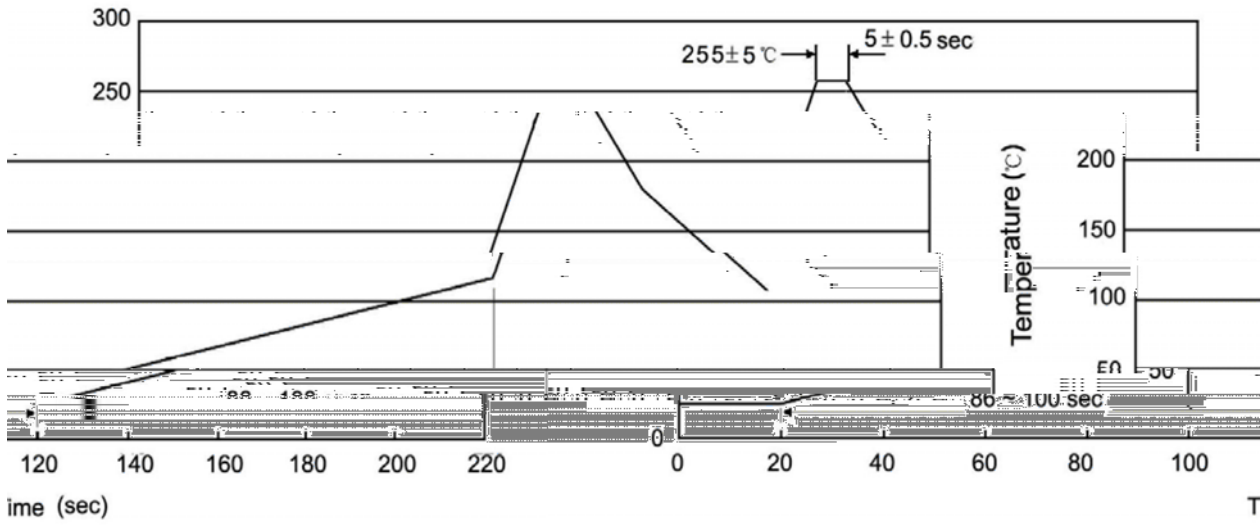
BR: Company Code.

C5027: Product Type.

N: h_{FE} Classifications Symbol

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

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



Note:

1 25 150 60