KSC5027F

Rev.F Mar.-2016

DATA SHEET

/ Descriptions

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

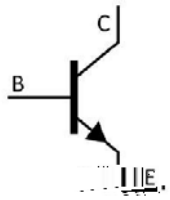
/ Features

High speed switching, high SOA.

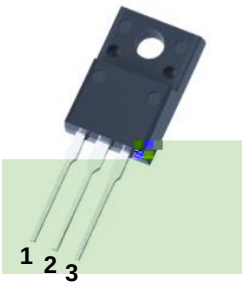
/ Applications

High voltage switching and amplifier applications.

/ Equivalent Circuit



/ Pinning

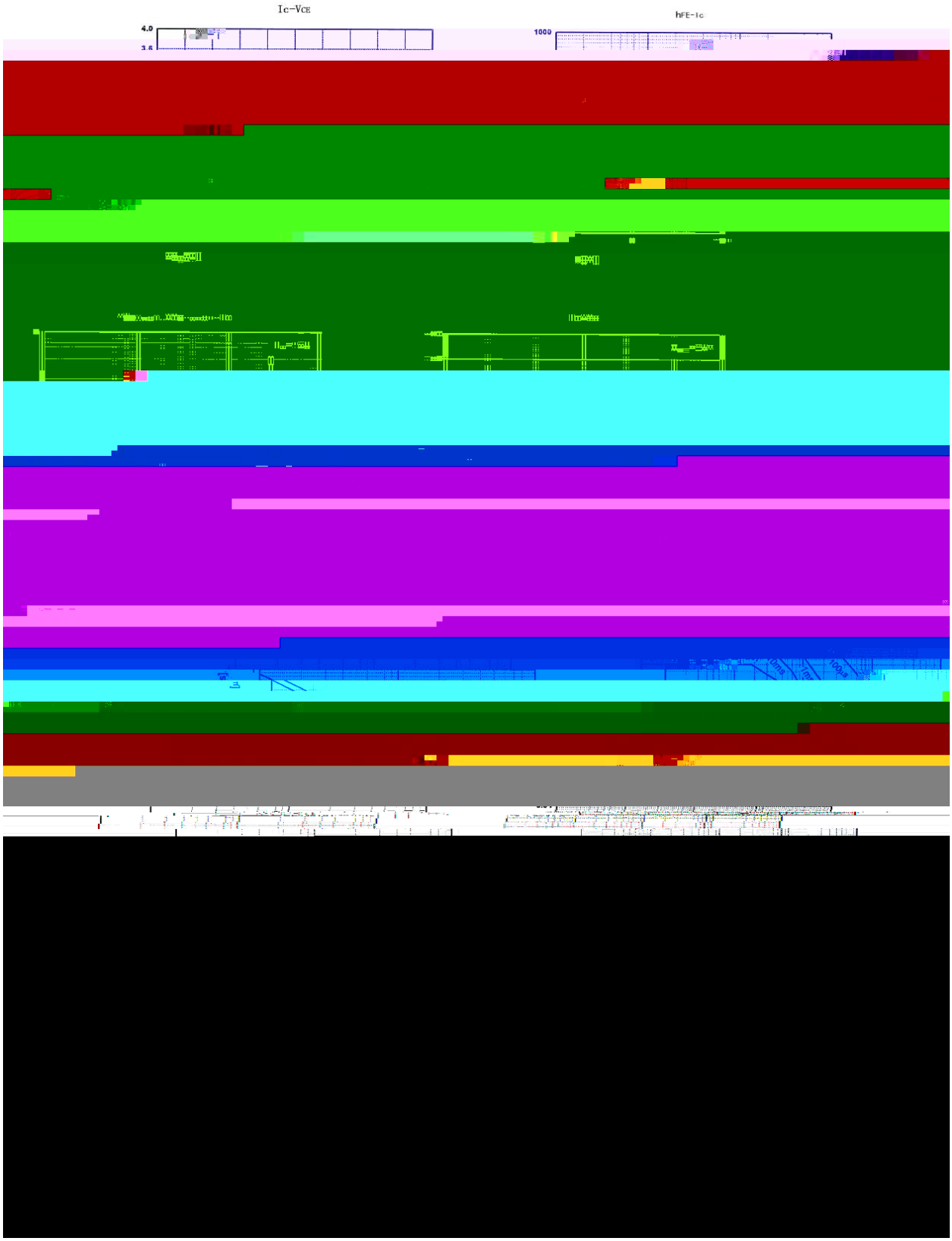


PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

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

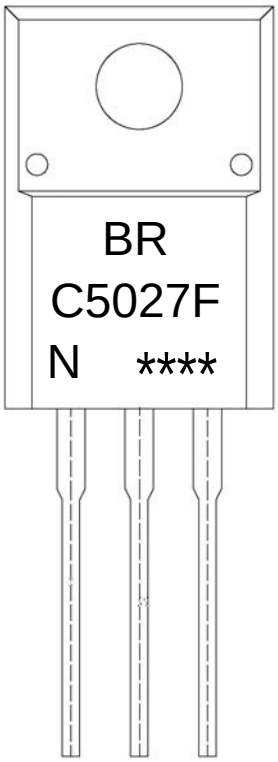
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

C5027

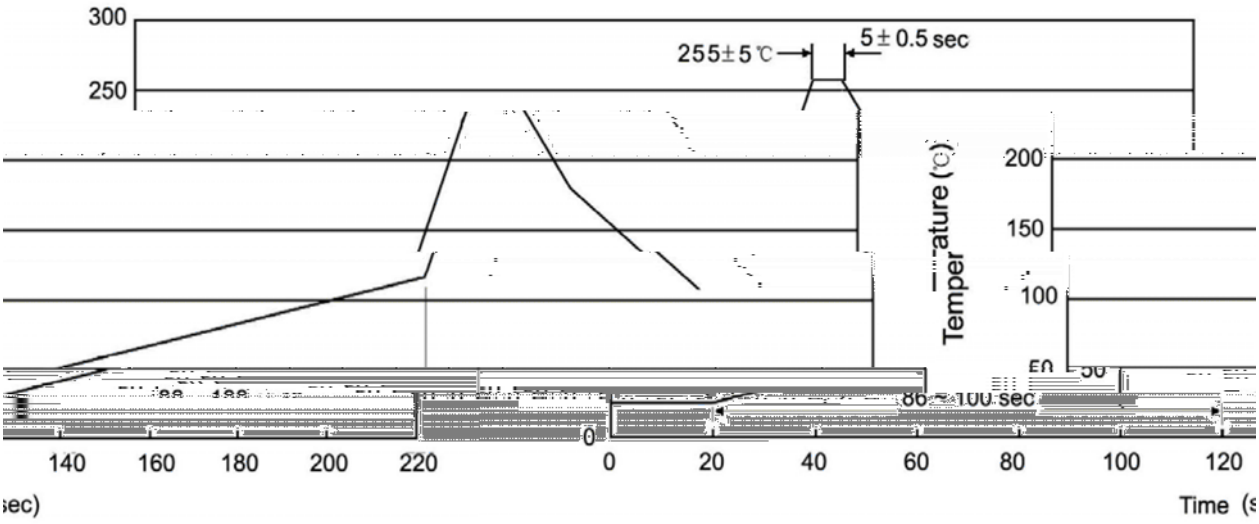
N: h_{FE}

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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