

/ Descriptions

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

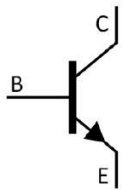
/ Features

2SA1011
Complementary pair with 2SA1011.

/ Applications

100W
High voltage switching, AF power amplifier, 100W output predriver applications.

/ Equivalent Circuit



/ Pinning



1 2 3

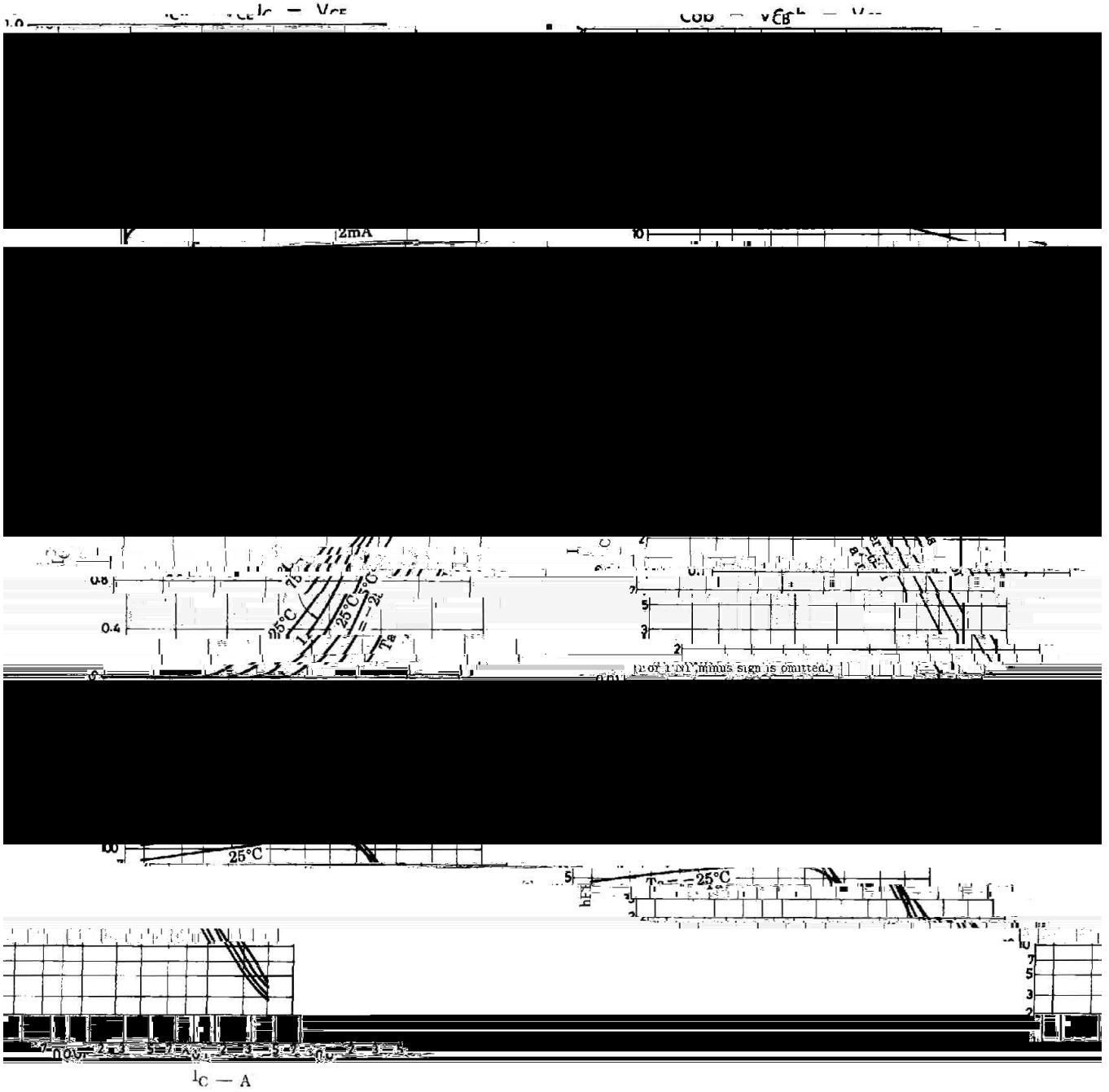
PIN1 Base PIN 2 Collector PIN 3 Emitter

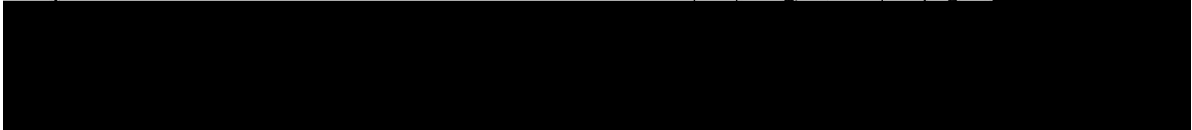
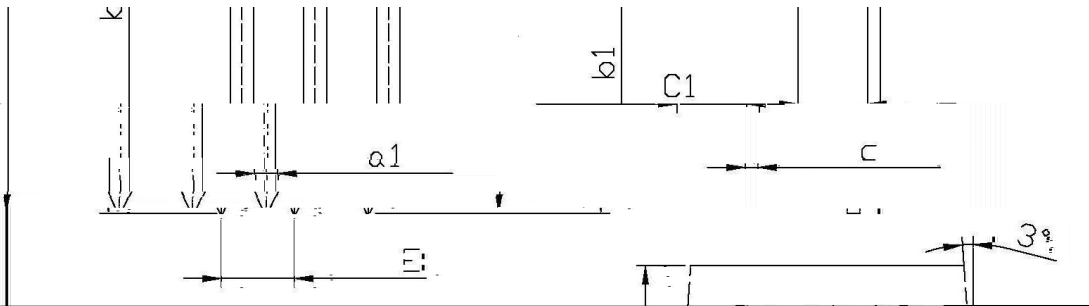
/ h_{FE} Classifications & Marking

h _{FE} Classifications Symbol	D	E
h _{FE} Range	60 120	100 200

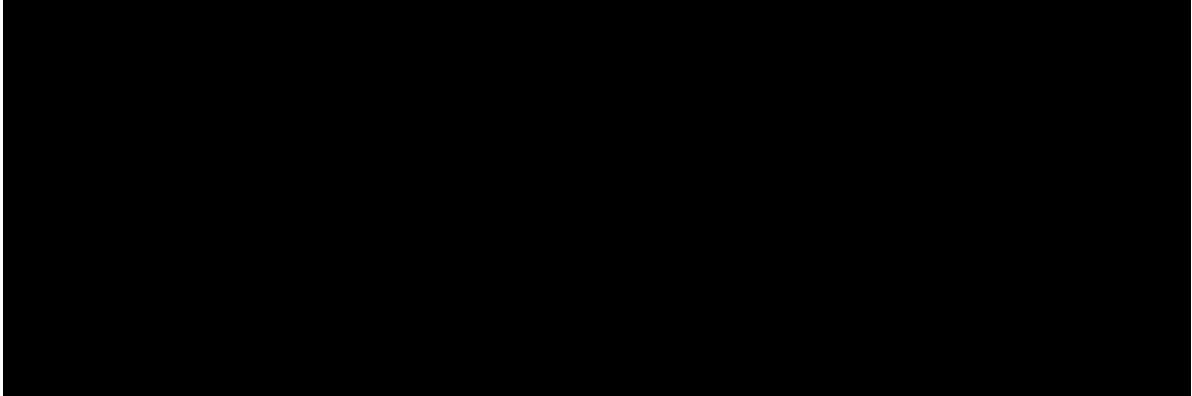
2SC2344
Rev.H Oct.-2018

/ Electrical Characteristic Curve

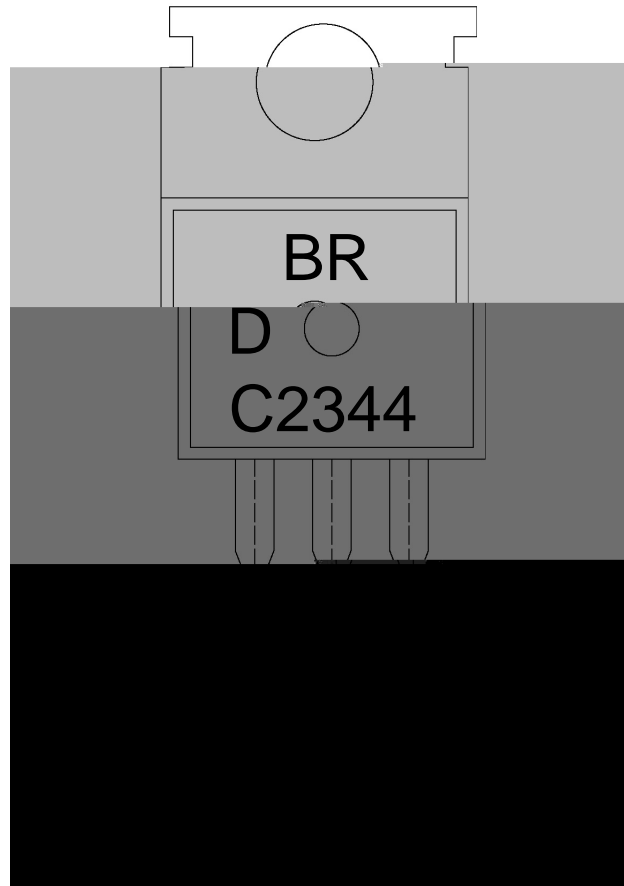




Dimensions in Mikrometers Dimensions in Mikrometers



/ Marking Instructions



BR

C2344

D: h_{FE}

Note:

BR: Company Code

C2344: Product Type.

D: h_{FE} Classifications Symbol

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

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



Note:

- | | | | | | |
|---|-------|-----|-----------|--------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | | 5±0.5sec; | | 2.Peak Temp.:255±5 , Duration:5±0.5sec. |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units				Dimension (unit mm ³)		

/ TUBE

Package Type	Units				Dimension (unit mm ³)		