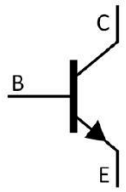
TO-220 NPN Silicon NPN transistor in a TO-220 Plastic Package.

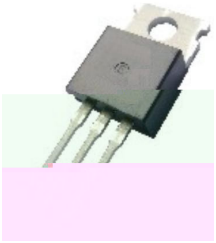
2SA1011

Complementary pair with 2SA1011.

100W

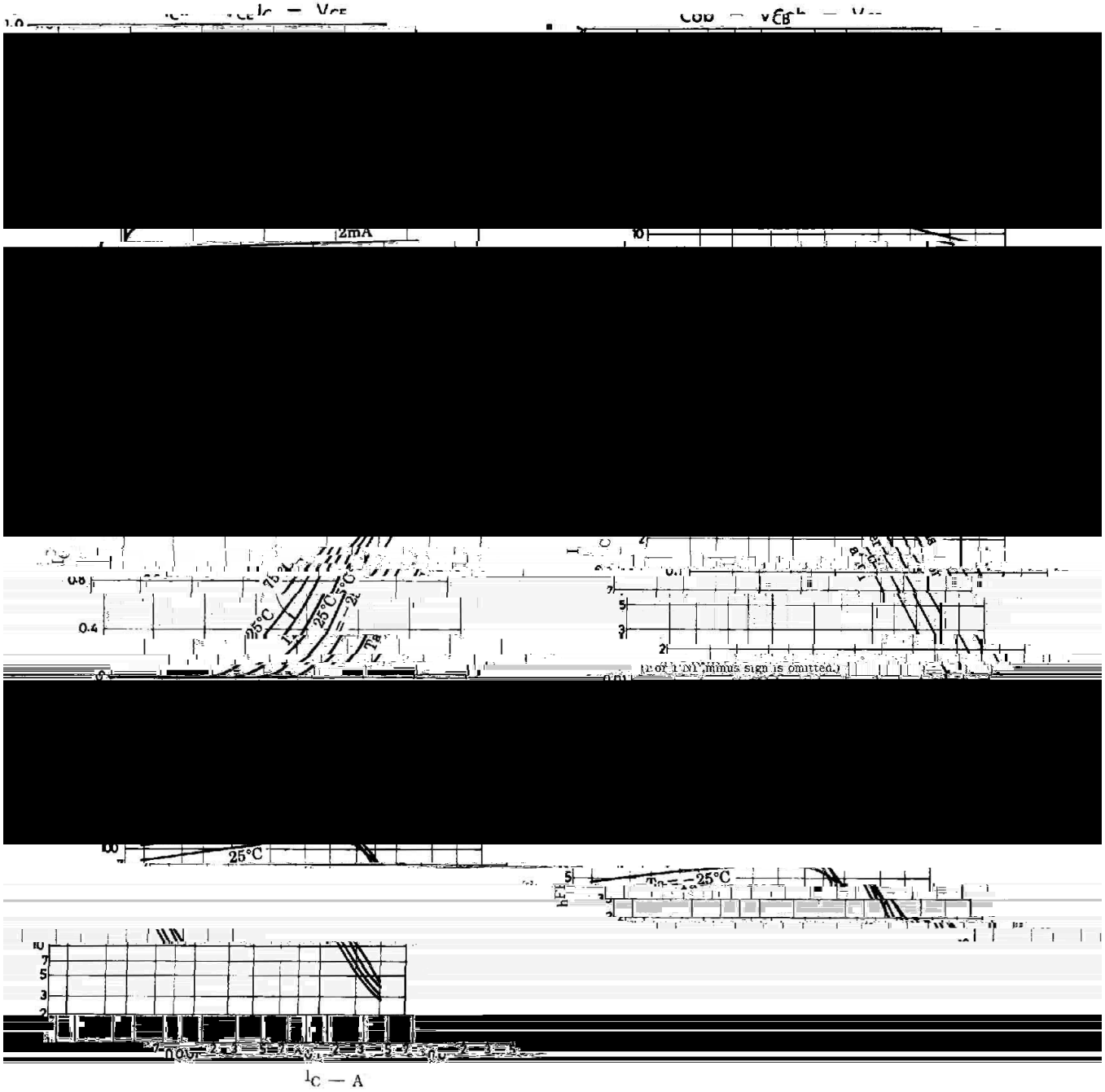
High voltage switching, AF power amplifier, 100W output predriver applications.



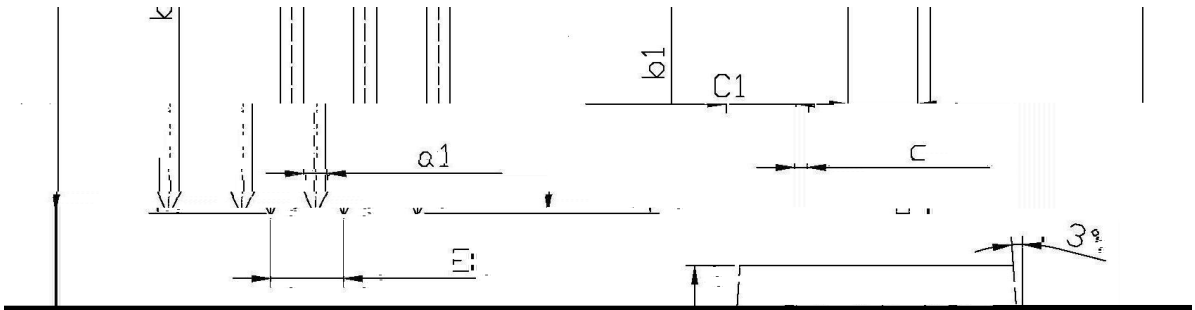



PIN1 Base PIN 2 Collector PIN 3 Emitter

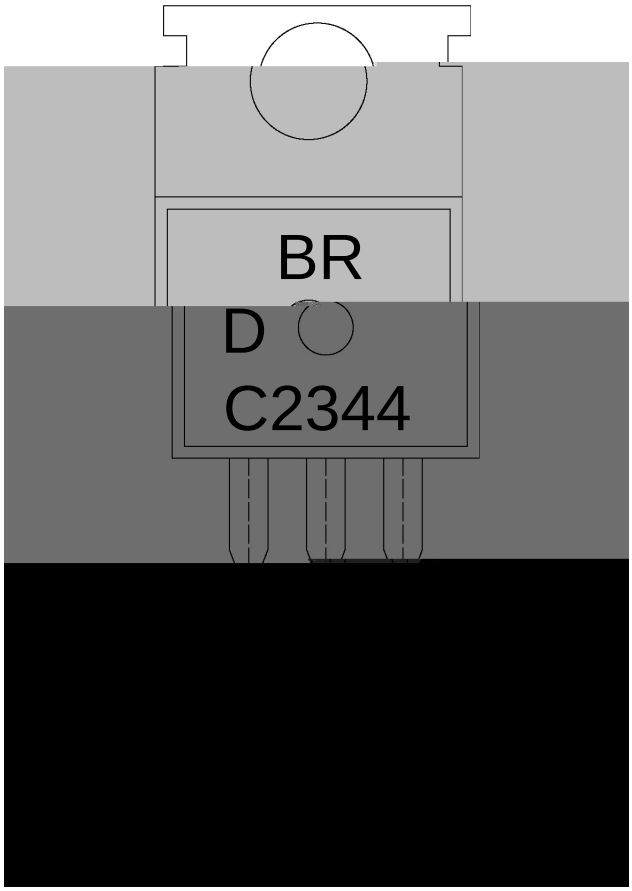
| $h_{FE}$ Classifications Symbol | D | E |
|---|---|---|
| $h_{FE}$ Range | 60 120 | 100 200 |


2mA
25°C
25°C
25°C
25°C
25°C
$I_C$ — A

[redacted]




[redacted]




BR

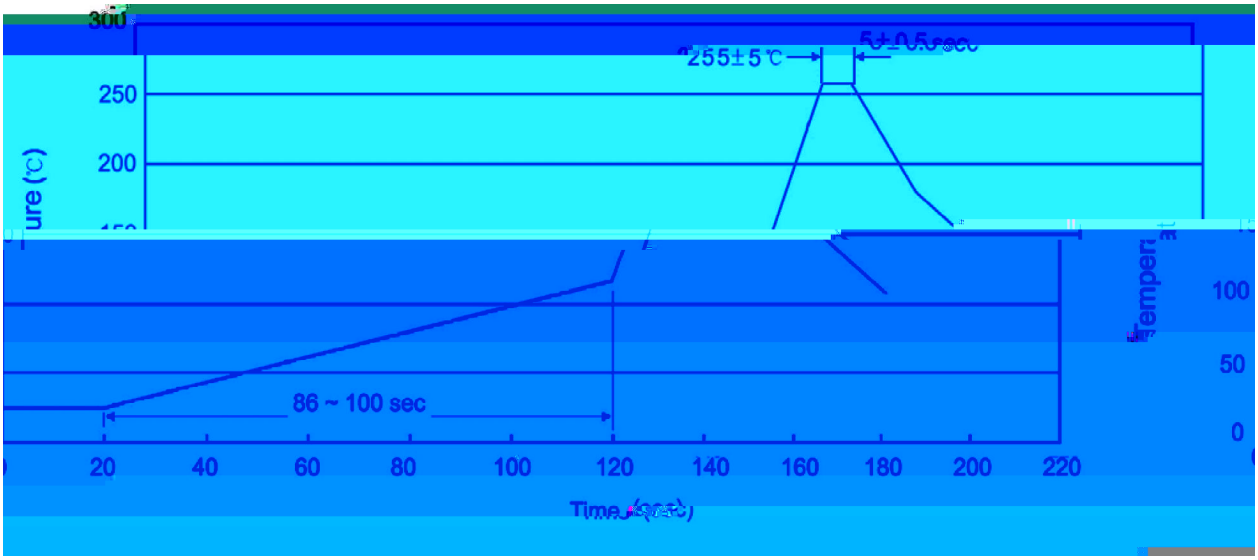
C2344

D: $h_{FE}$

****

Note:

| | |
|---|---|
| BR: | Company Code |
| C2344: | Product Type. |
| D: | $h_{FE}$ Classifications Symbol |
| ****: | Lot No. Code, code change with Lot No. |




| | | | | | |
|---|---|---|---|---|---|
| 1 | 25 | 150 | 60 | 90sec; | Note:<br>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. |

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

/ BULK

| Package Type | Units | | | | | Dimension | | (unit mm$^3$) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |

/ TUBE

| Package Type | Units | Dimension | (unit mm$^3$) |
|---|---|---|---|