

**/ Descriptions**

TO-126F          NPN          Silicon NPN transistor in a TO-126F Plastic Package.

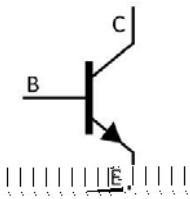
**/ Features**

Low  $V_{CE(sat)}$ , large current, high  $P_C$ , complementary to 2SB1217.

**/ Applications**

DC-DC  
It is suitable for DC-DC converter, or driver of solenoid or motor.

**/ Equivalent Circuit**



**/ Pinning**



PIN1 Emitter          PIN 2 Collector          PIN 3 Base

**/  $h_{FE}$  Classifications & Marking**

$h_{FE}$ Classifications Symbol	M	L	K
$h_{FE}$ Range	100 200	60 320	200 400



**2SD1818**  
Rev.E Mar.-2016

r.-2016

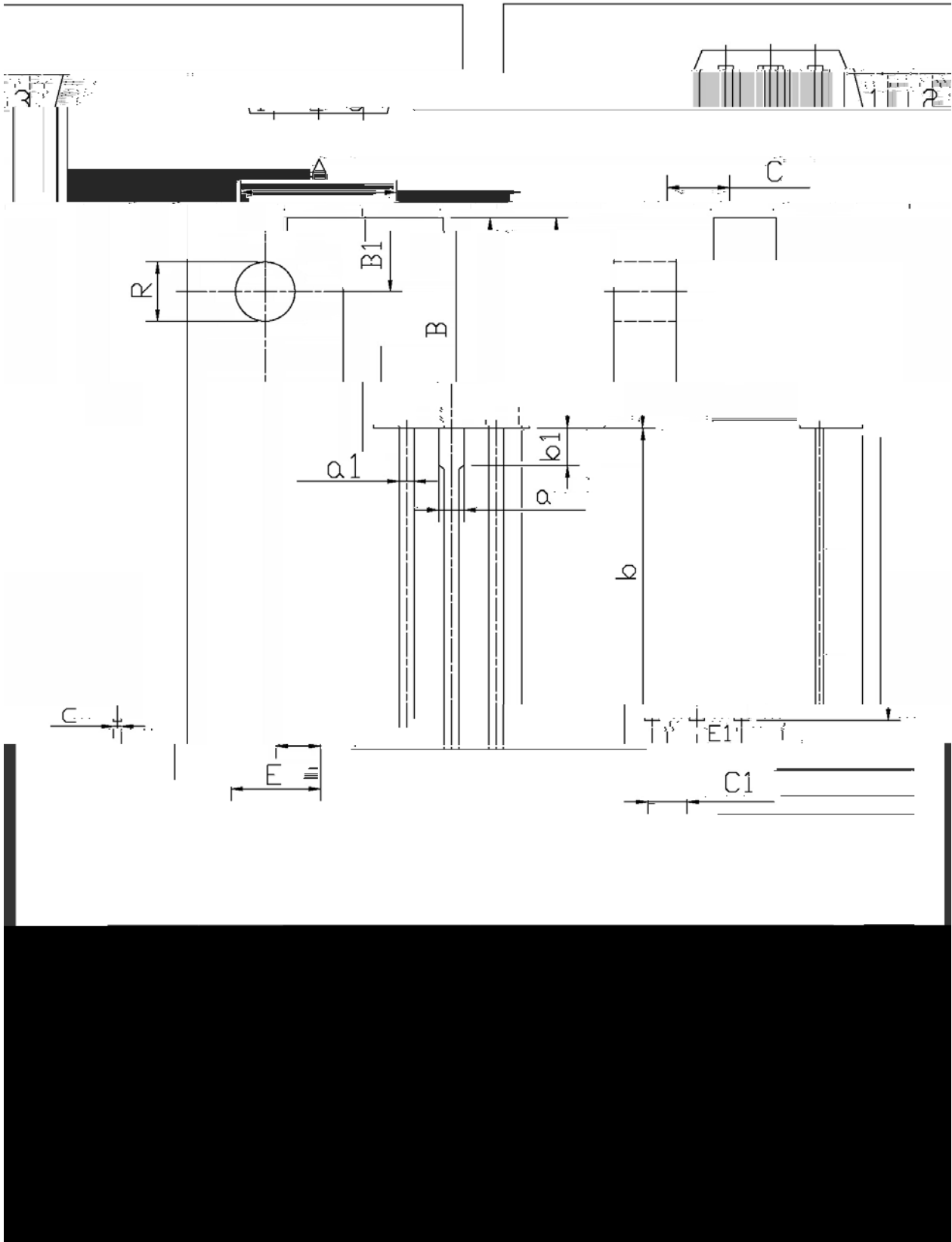
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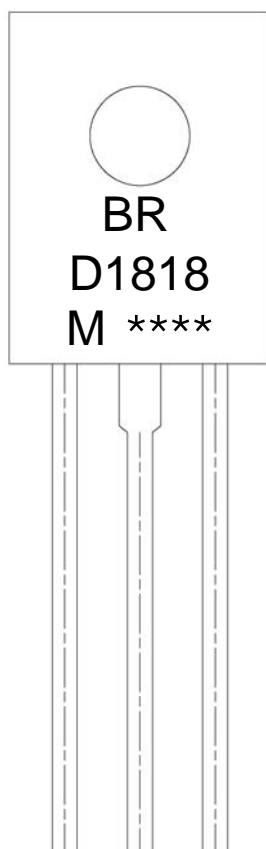
/ Package Dimensions

IP-126F

单位: mm



/ Marking Instructions



BR

D1818

M:  $h_{FE}$

\*\*\*\*

Note:

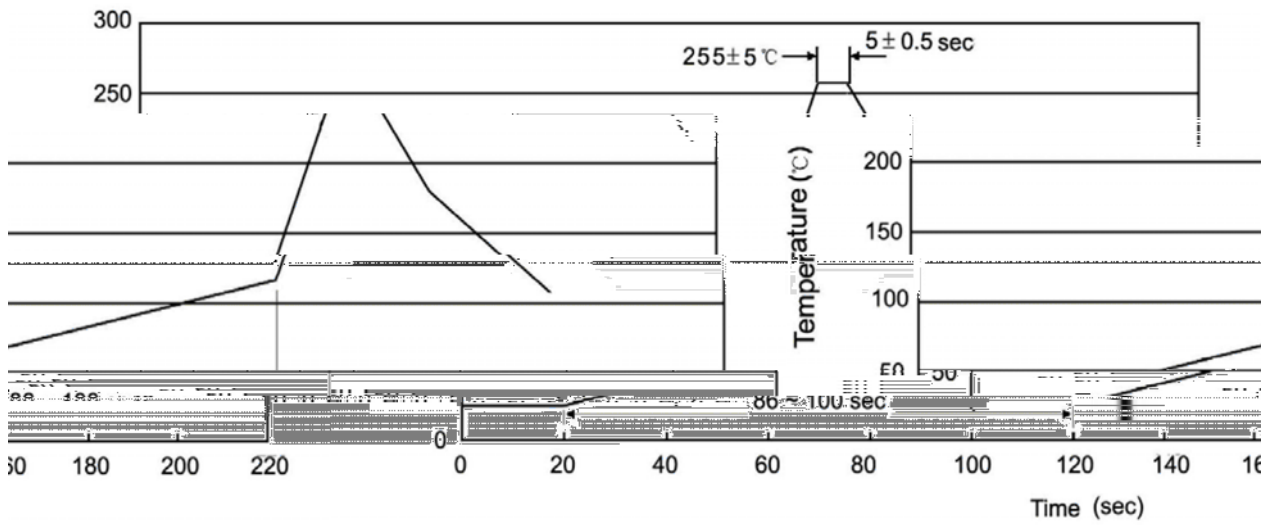
BR: Company Code

D1818: Product Type.

M:  $h_{FE}$  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 |       |     |           |   |                                      |