

/ Descriptions

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

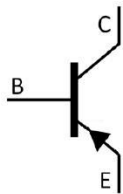
/ Features

$V_{CE(sat)}$, 2SC1846 3W
Low $V_{CE(sat)}$, output of 3W can be obtained by a complementary pair with 2SC1846.

/ Applications

Medium power amplifier.

/ Equivalent Circuit



/ Pinning



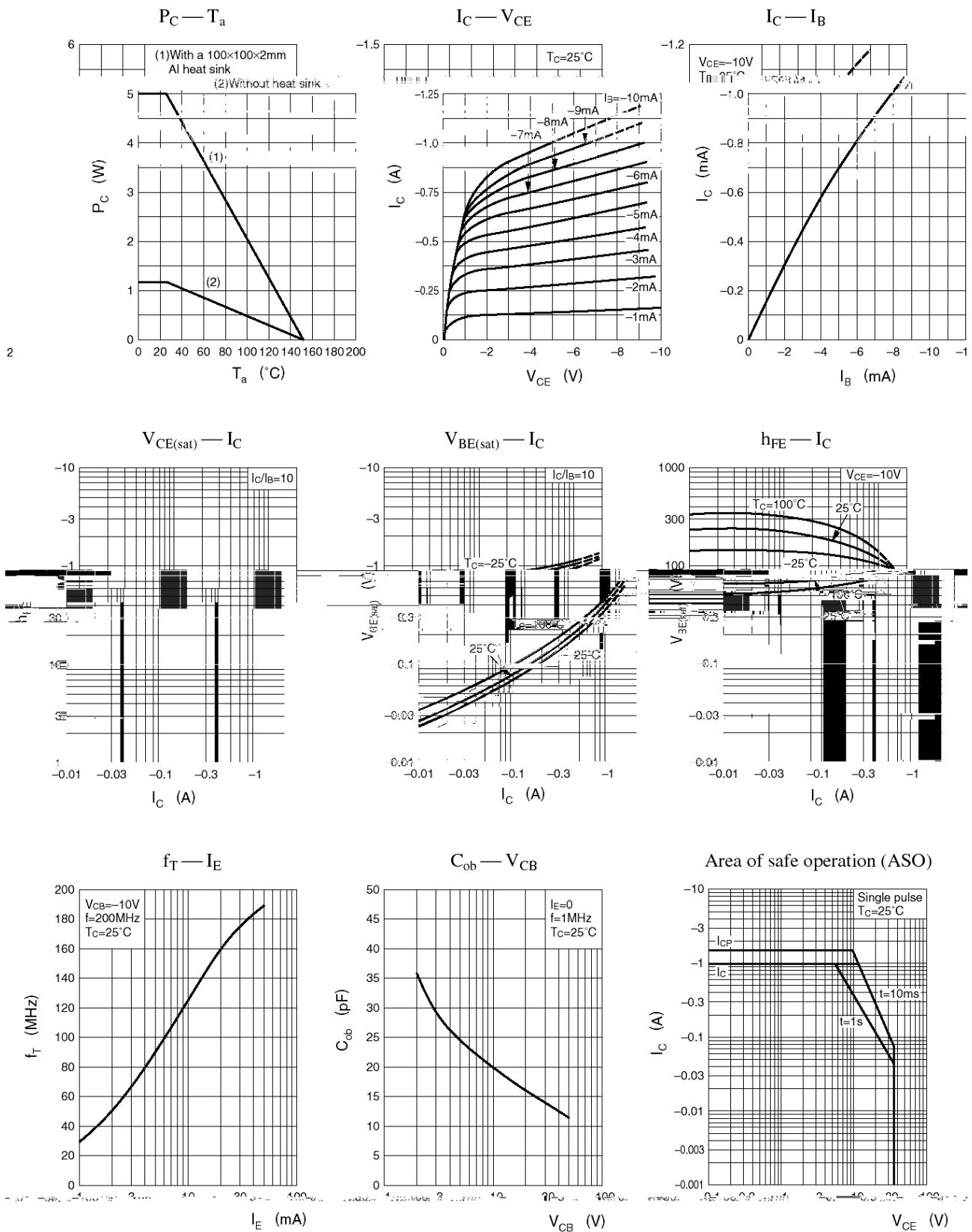
PIN1 Emitter PIN 2 Collector PIN 3 Base

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	Q	R	S
h_{FE} Range	85~170	120~240	170~340

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-45	V
Collector to Emitter Voltage	V_{CEO}	-35	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-1.0	A
Collector Current – Continuous(Pulse)	I_{CP}	-1.5	A
Collector Power Dissipation*	$*P_C$	1.2	W
Collector Power Dissipation**	$**P_C$	5	W
Junction Temperature	T_j	150	°C

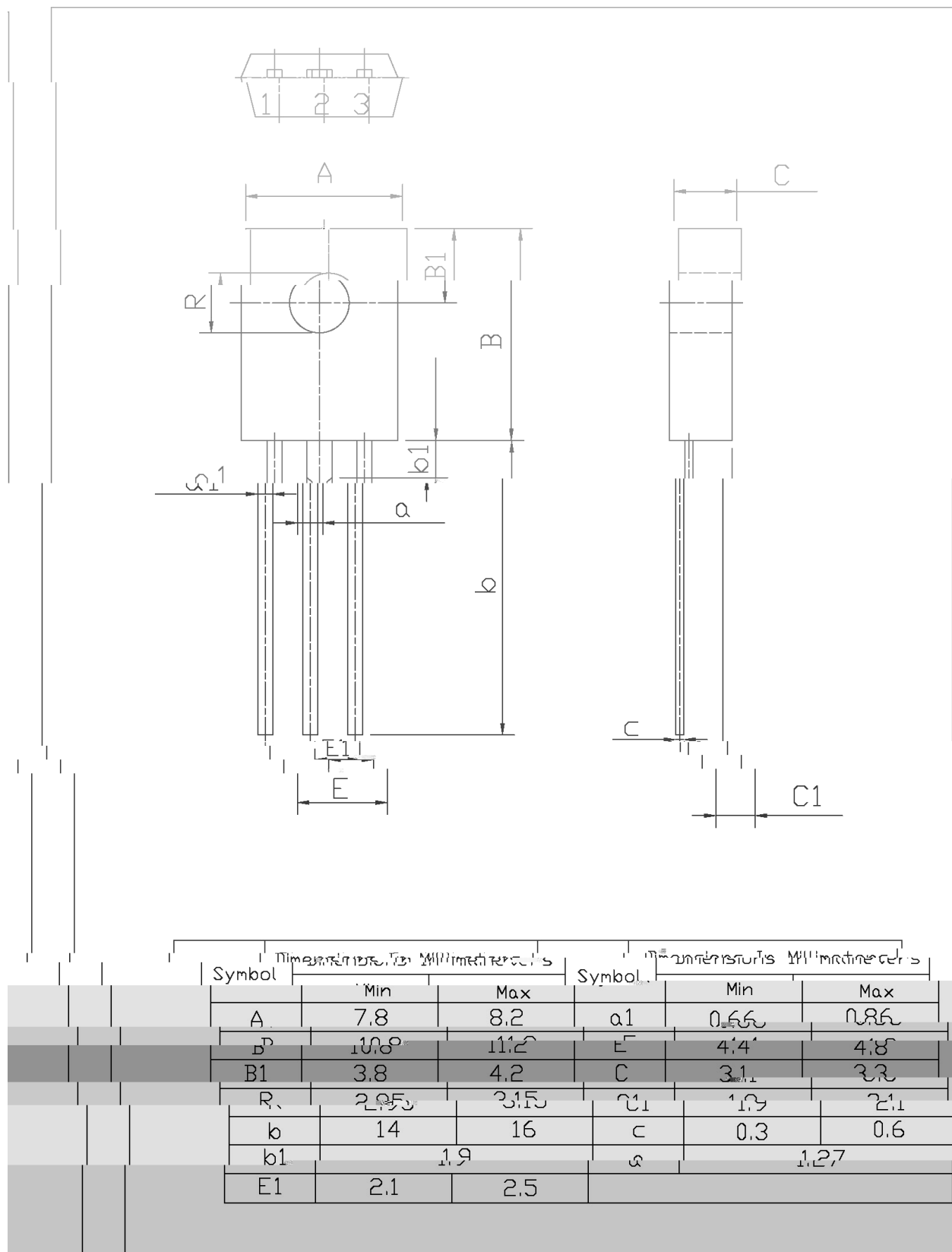
/ Electrical Characteristic Curve



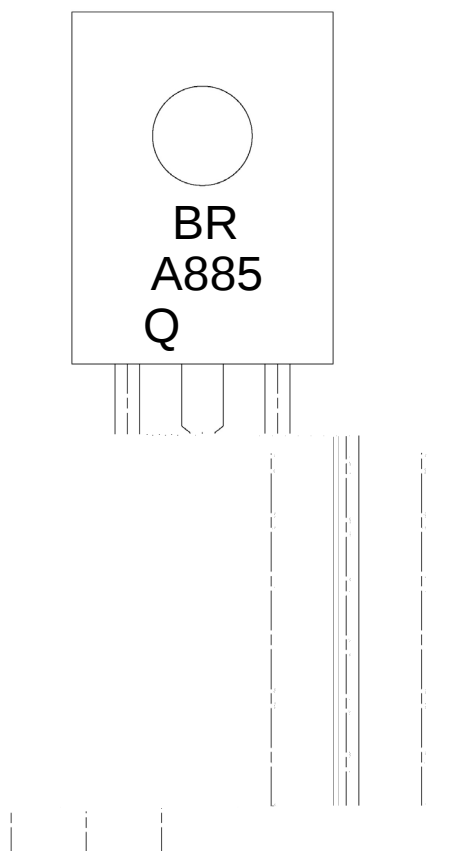
/ Package Dimensions

1U-126T

单位: mm



/ Marking Instructions



BR

A885

Q: h_{FE}

Note:

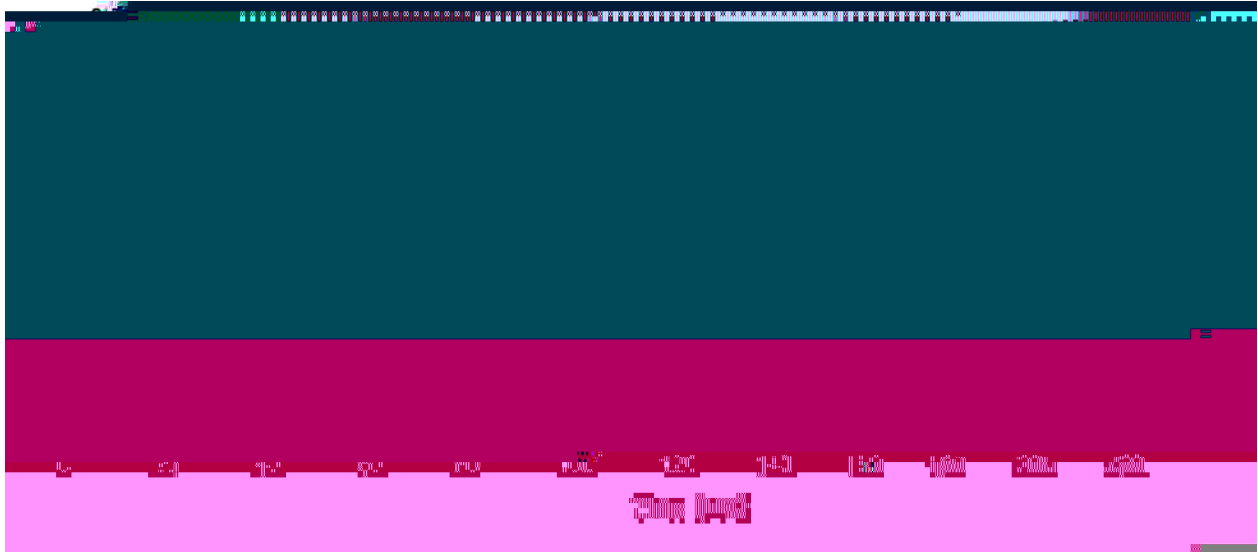
BR: Company Code

A885: Product Type.

Q: 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)