

/ Descriptions

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

/ Features

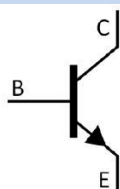
30 35W 2SA817AF

Driver stage of 30 to 35 watts application, complementary pair with 2SA817AF.

/ Applications

Driver stage amplifier and voltage amplifier.

/ Equivalent Circuit



/ Pinning



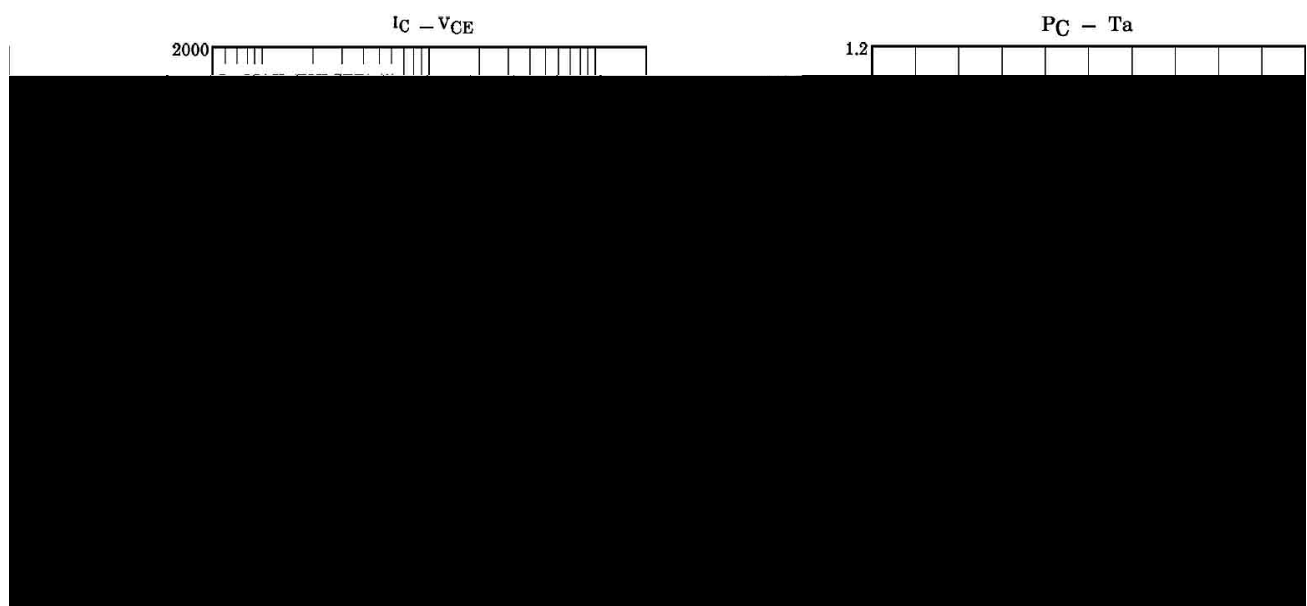
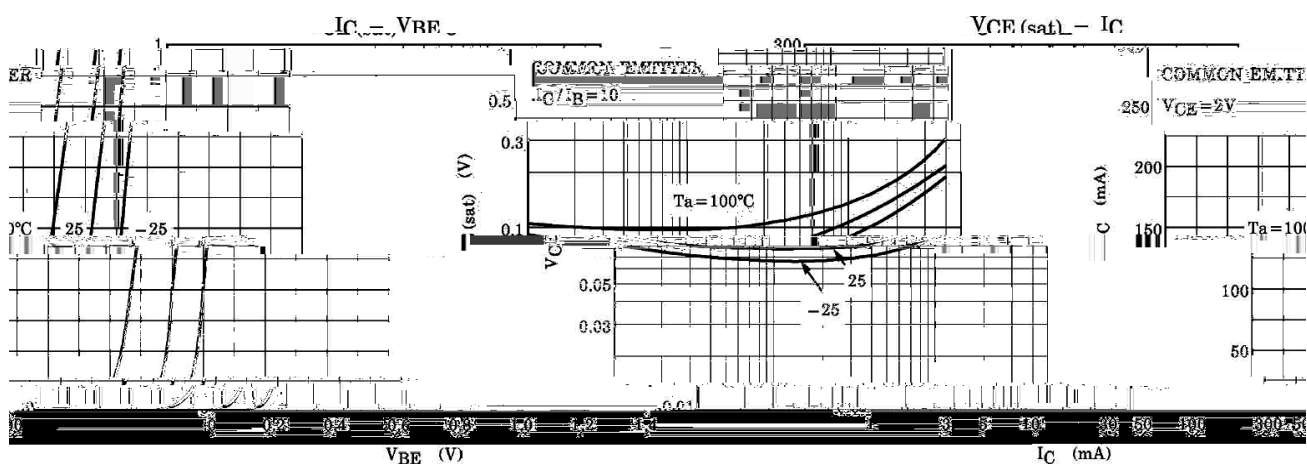
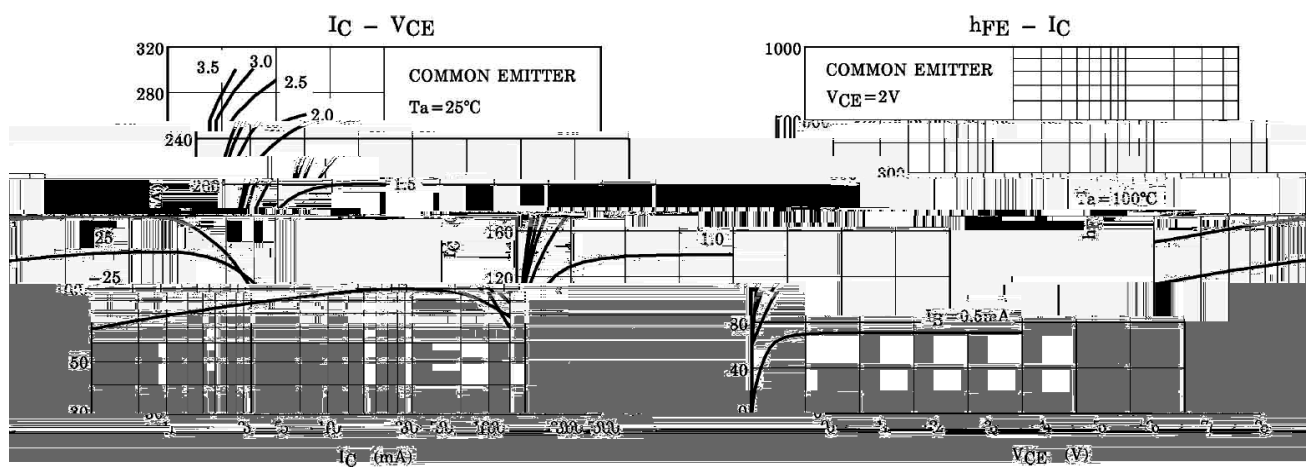
PIN1 Emitter PIN 2 Collector PIN 3 Base

/ h_{FE} Classifications & Marking

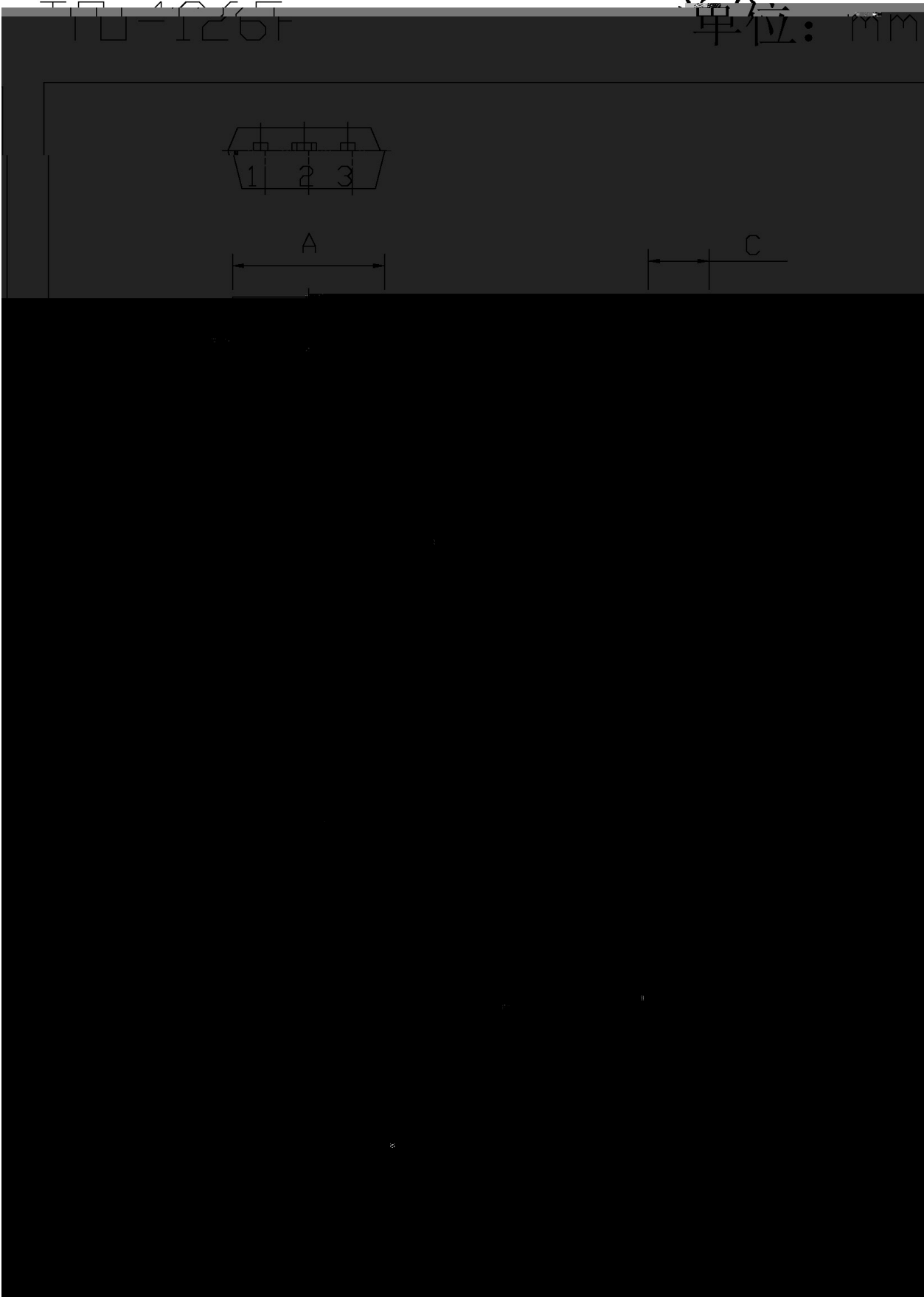
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	70 140	120 240

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	80	V
Collector to Emitter Voltage	V_{CEO}	80	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	400	mA
Emitter Current – Continuous	I_E	-400	mA
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

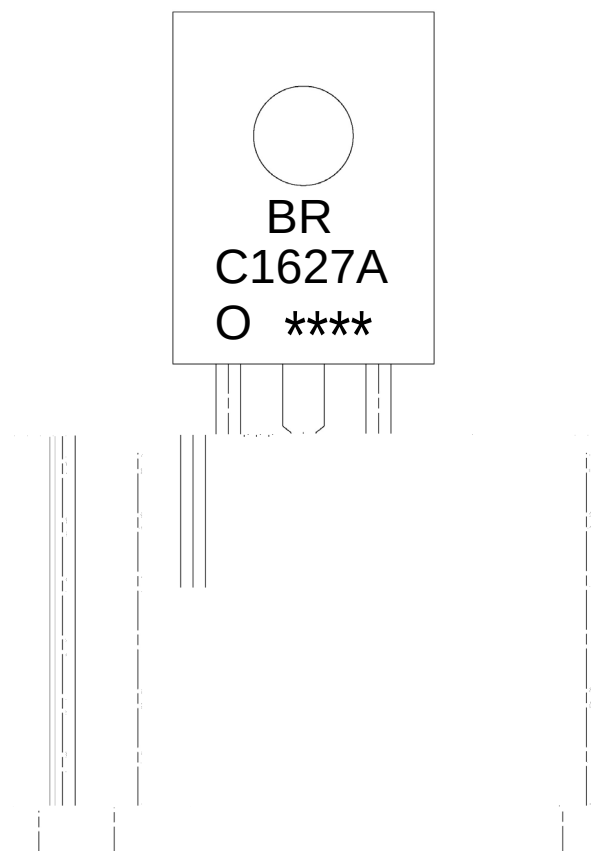
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

C1627A

O: h_{FE}

Note:

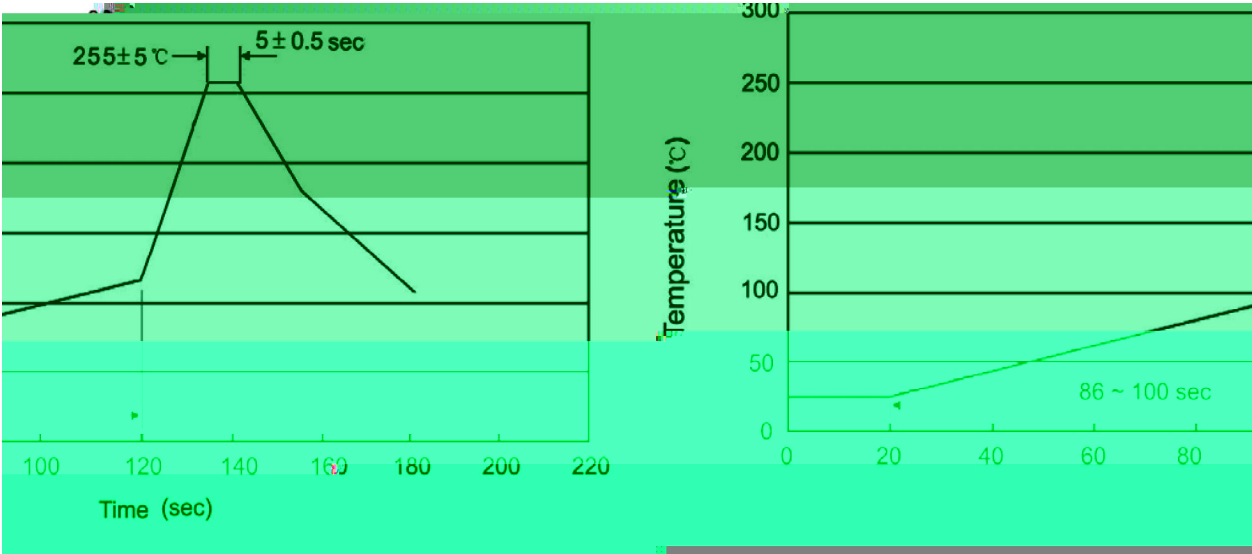
BR: Company Code

C1627A: Product Type.

O: 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