

2SC1627AF

Rev.E Mar.-2016

/ 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.

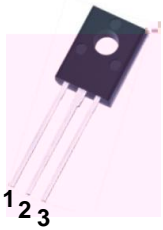
/ Applications

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

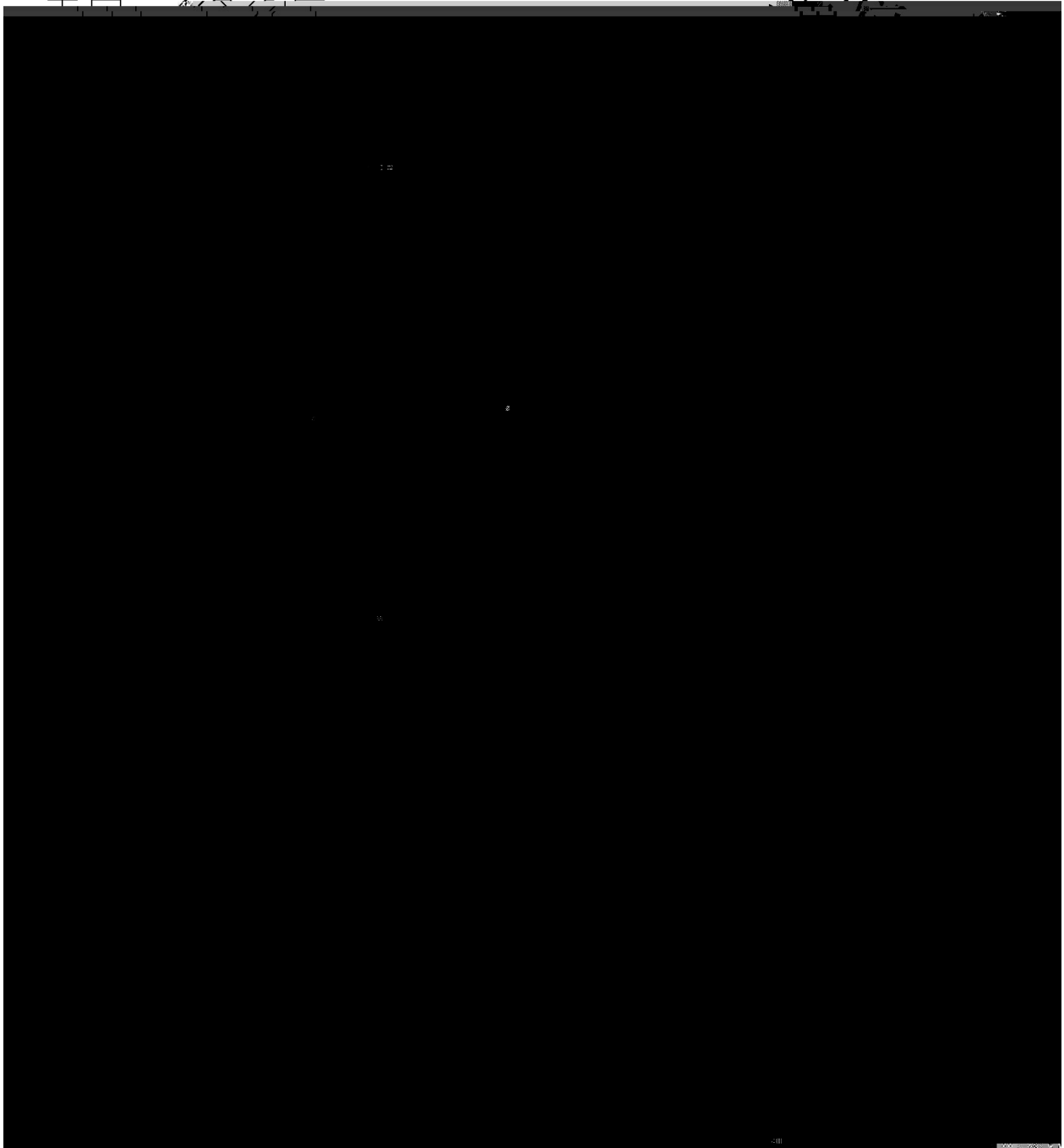
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Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	80	V
Collector to Emitter Voltage	V_{CEO}	80	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	400	mA
Emitter Current – Continuous	I_E	-400	mA
Collector Power Dissipation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

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/ Package Dimensions



Symbol	Min	Max	Symbol	Min	Max
A	7.8	8.2	a1	0.66	

/ 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.

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DATA SHEET