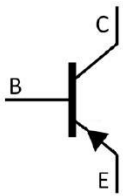


Silicon PNP transistor in a TO-126F Plastic Package.

Complementary pair with BD435.

Medium power linear and switching applications.

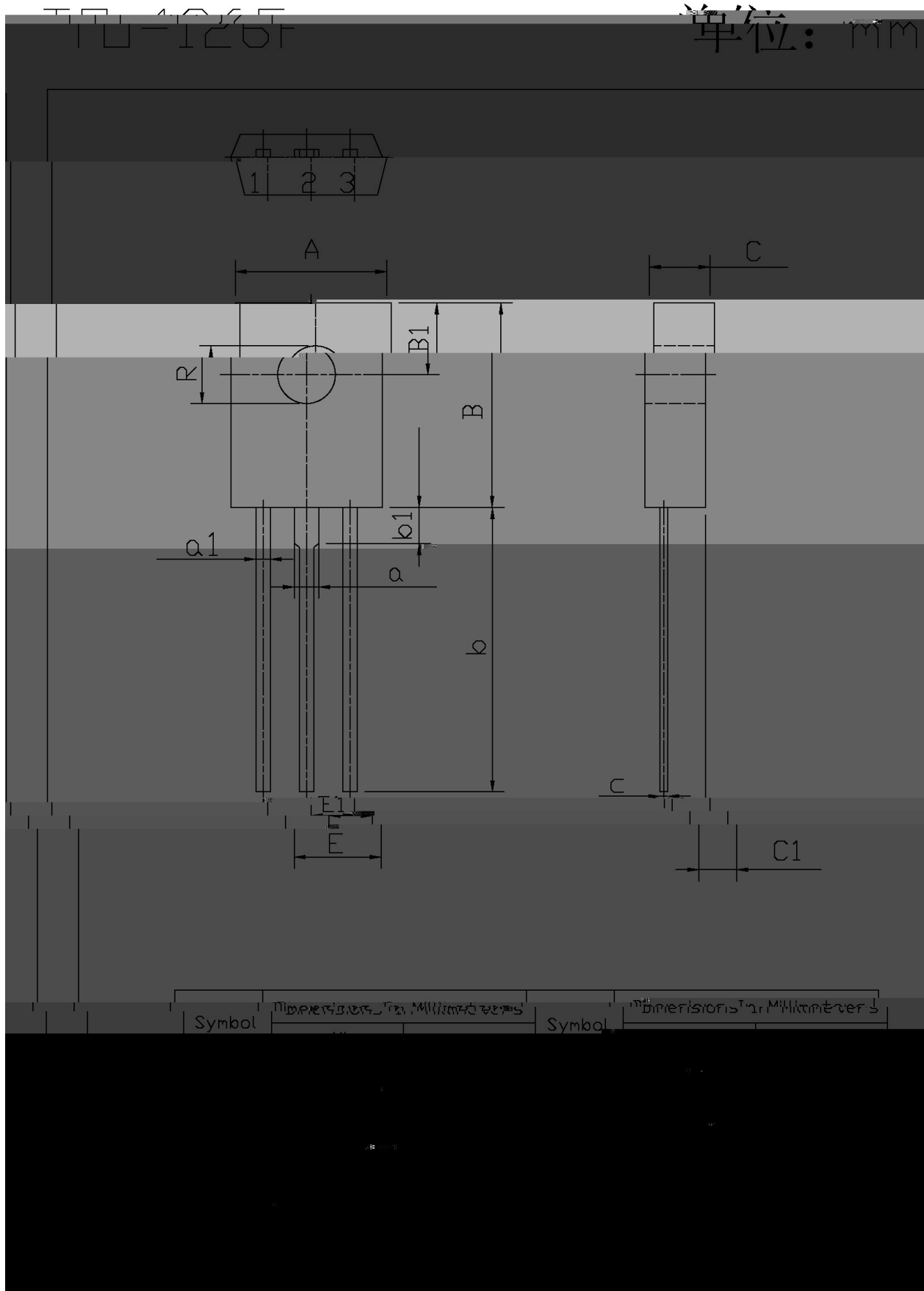


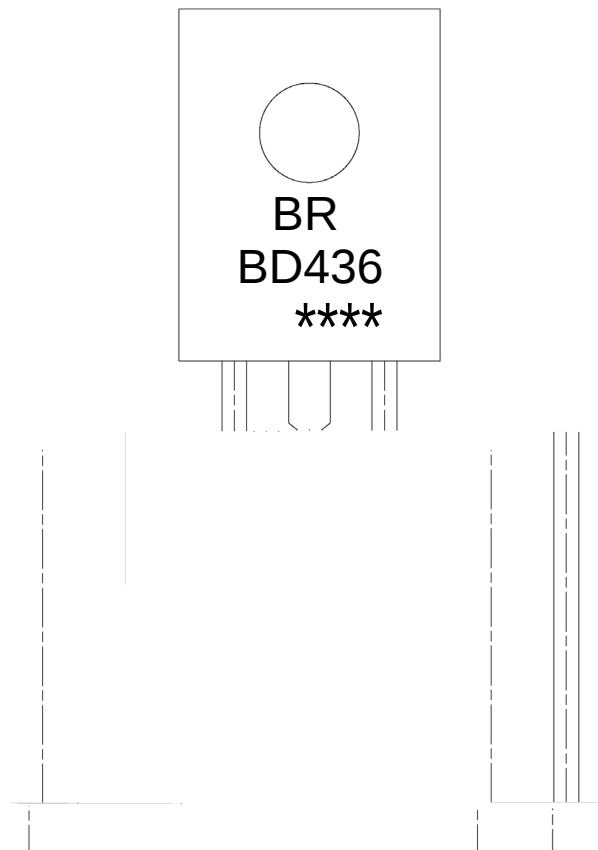
PIN1	Emitter	PIN 2	Collector	PIN 3	Base
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See Marking Instructions

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-32	V
Collector to Emitter Voltage	V_{CEO}	-32	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-4.0	A
Collector Current – Continuous(Pulse)	I_{CP}	-7.0	A
Base Current - Continuous	I_B	-1.0	A
Collector Power Dissipation	P_C	1.25	W
Collector Power Dissipation	$P_C(T_c=25^{\circ}C)$	36	W
Junction Temperature	T_j	150	$^{\circ}C$
Storage Temperature Range	T_{stg}	-55~150	$^{\circ}C$

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-100mA$ $I_B=0$	-32			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-32V$ $I_E=0$			-100	A
Collector Cut-Off Current	I_{CEO}	$V_{CE}=-32V$ $I_B=0$			-100	A
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0V$ $I_C=0$			-1.0	mA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-1.0V$ $I_C=-500mA$	85	140		
	$h_{FE(2)}$	$V_{CE}=-1.0V$ $I_C=-2.0A$	50			
	$h_{FE(3)}$	$V_{CE}=-5.0V$ $I_C=-10mA$	40	130		
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-2.0A$ $I_B=-0.2A$		-0.2	-0.5	V
Base to Emitter Voltage	V_{BE}	$V_{CE}=-1.0V$ $I_C=-2.0A$			-1.1	V
Transition Frequency	f_T	$V_{CE}=-1.0V$ $I_C=-250mA$	3.0			MHz



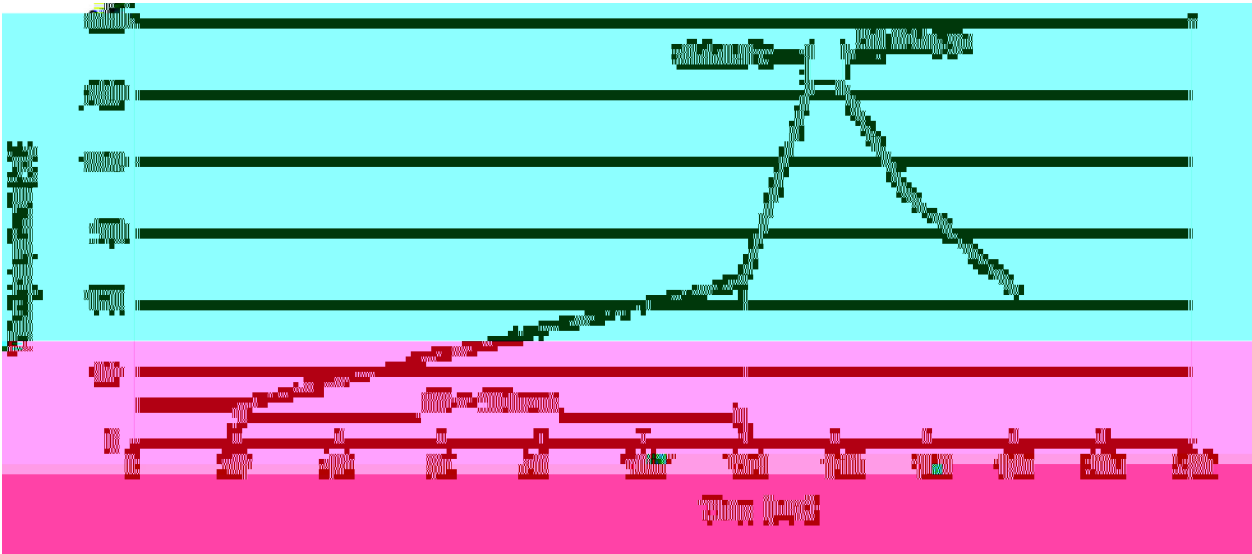


Note:

BR: Company Code

BD436: Product Type.

****: Lot No. Code, code change with Lot No.



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.

270 5

10 1 sec.

Temp.:270±5℃

Time:10±1 sec

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-126/F	500	6	3,000	5	15,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-126/F	65	26	1,690	5	8,450	532×31×5.6	555×164×50	575×290×180