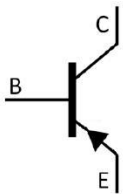


Silicon PNP transistor in a TO-126F Plastic Package.

Low saturation voltage, excellent h_{FE} linearity and high h_{FE} .

Power amplifier and switching applications.



PIN1 Emitter PIN 2 Collector PIN 3 Base

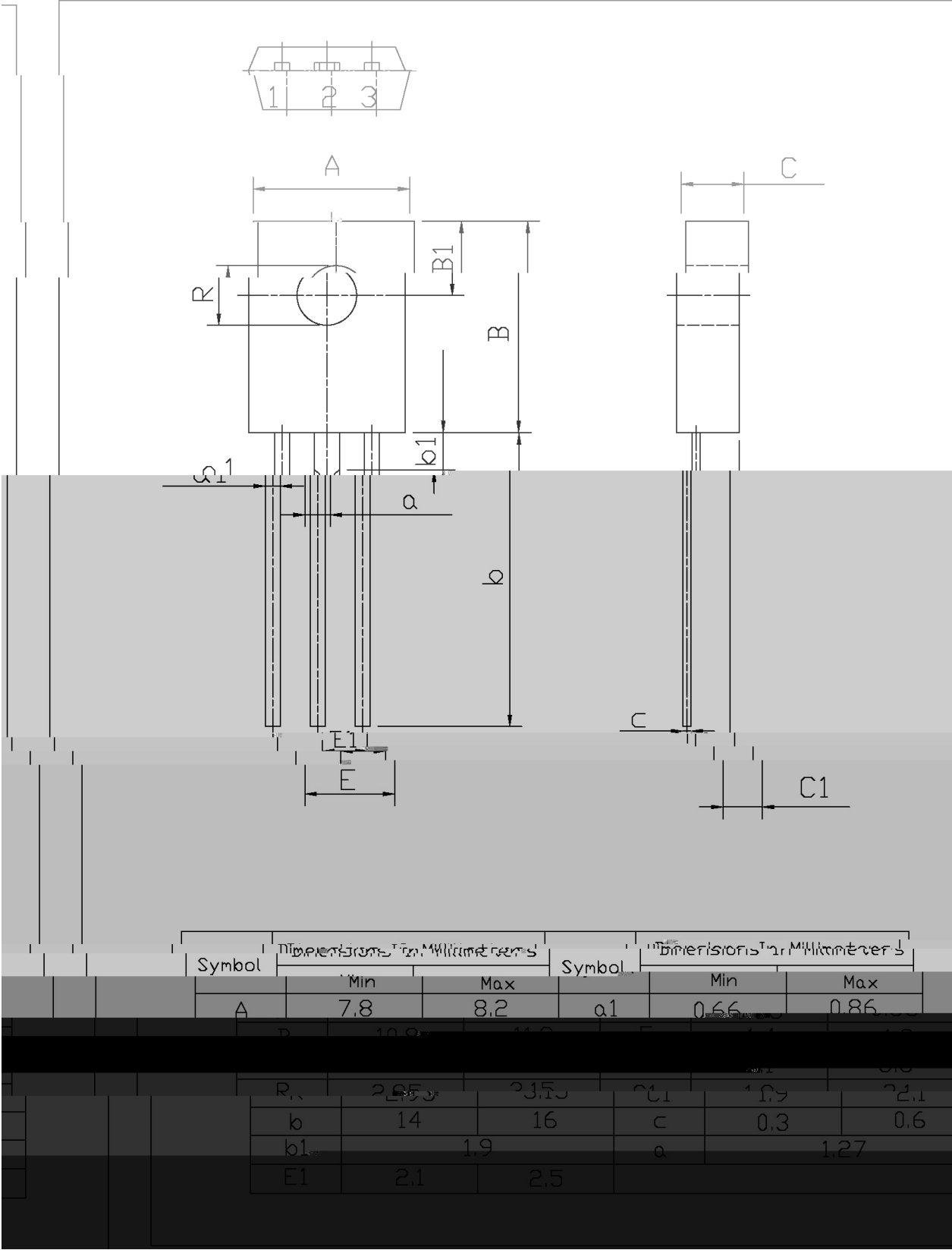
See Marking Instructions.

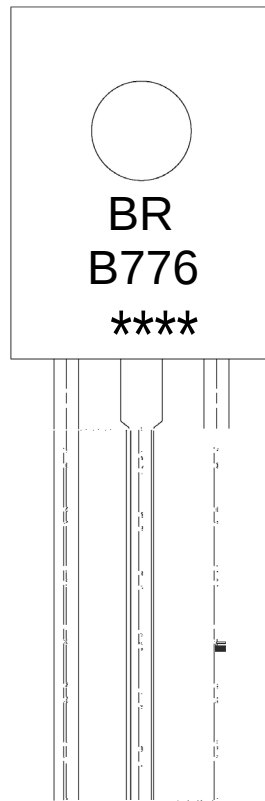
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-50	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-3.0	A
Peak Collector Current – Continuous	I_{CM}	-7.0	A
Base Current - Continuous	I_B	-0.6	A
Collector Power Dissipation	$P_C (T_C=25^\circ C)$	10	W
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 ~ 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C=-100\mu A$ $I_E=0$	-50			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-5mA$ $I_B=0$	-50			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E=-100\mu A$ $I_C=0$	-5.0			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-50V$ $I_E=0$			-1.0	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-3.0V$ $I_C=0$			-1.0	μA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-2.0V$ $I_C=-1.0A$	100		400	
	$h_{FE(2)}$	$V_{CE}=-2.0V$ $I_C=-20mA$	100			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-2.0A$ $I_B=-200mA$			-0.5	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=-2.0A$ $I_B=-200mA$			-2.0	V
Transition Frequency	f_T	$V_{CE}=-5.0V$ $I_C=-100mA$		80		MHz
Reverse Transfer Capacitance	C_{Ob}	$V_{CB}=-10V$ $I_E=0$ $f_T=1.0MHz$		45		pF

1 TU-126

单位: mm



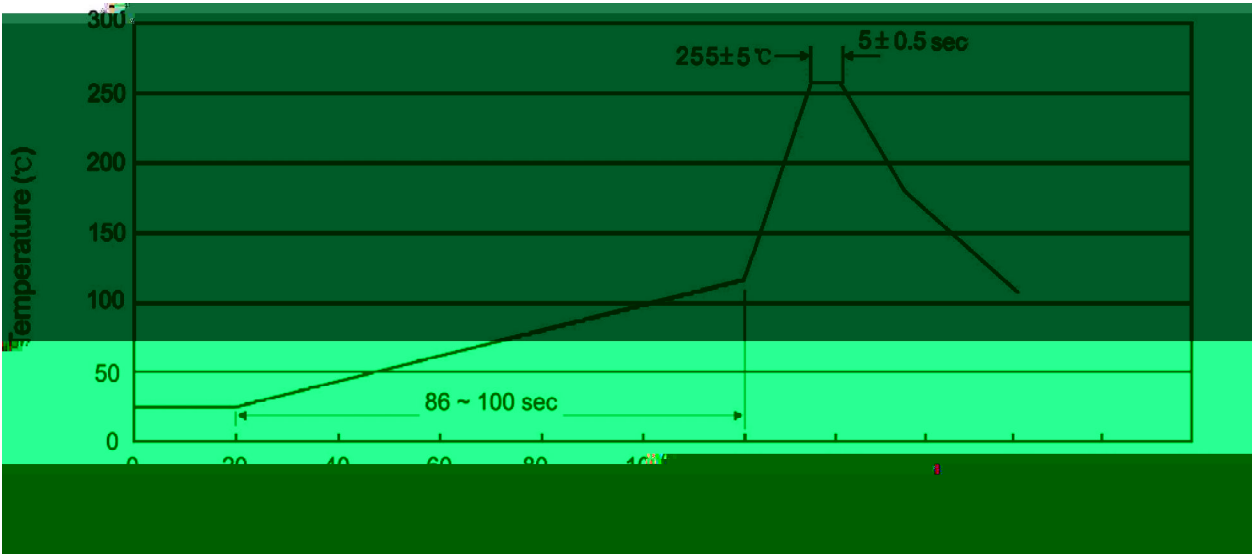


Note:

BR: Company Code

B776: Product Type.

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



Note:

- 1

25 150

60 90sec;
- 2

255 5

5 0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

, Time:60~90sec.
- 2.Peak Temp.:255 5

, Duration:5 0.5sec.
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

Units 包装数量	Dimension 包装尺寸 (unit: mm ³)
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