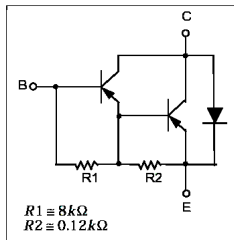


TO-126 PNP Silicon PNP transistor in a TO-126 Plastic Package.

TIP122L
 Complement to TIP122L.

Medium power linear switching applications.



PIN1 Emitter PIN 2 Collector PIN 3 Base

See Marking Instructions.

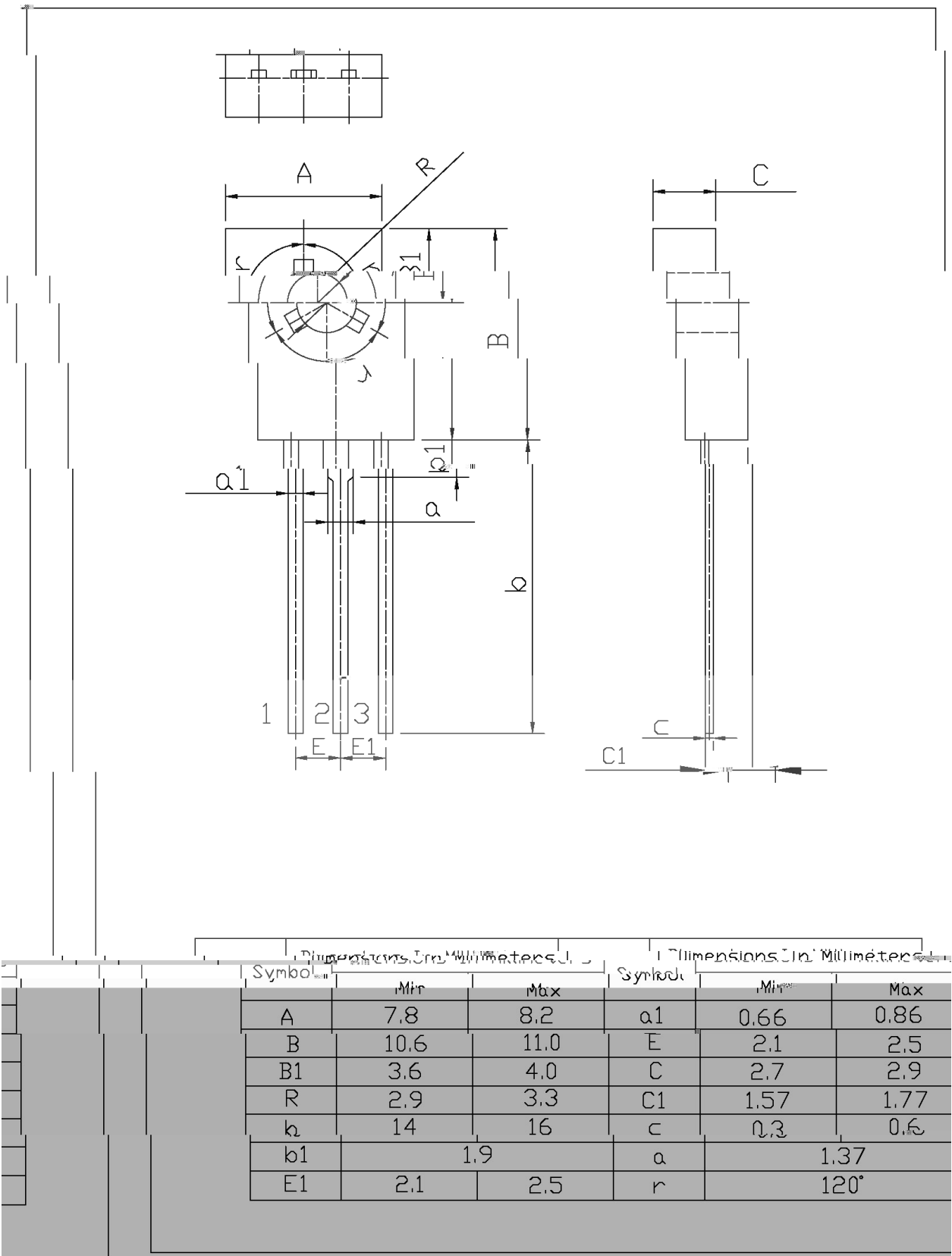
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-100	V
Collector to Emitter Voltage	V_{CEO}	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-5.0	A
Collector Power Dissipation	$P_C(T_C=25^{\circ}C)$	40	W
Junction Temperature	T_j	150	$^{\circ}C$
Storage Temperature Range	T_{stg}	-55 150	$^{\circ}C$

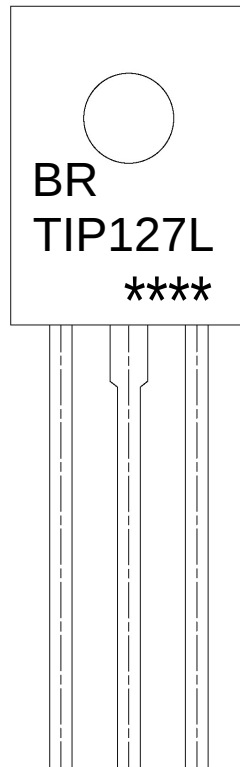
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-100mA$ $I_B=0$	-100			V
Collector Cut-Off Current	I_{CEO}	$V_{CE}=-50V$ $I_B=0$			-2.0	mA
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-100V$ $I_E=0$			-1.0	mA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0V$ $I_C=0$			-2.0	mA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-3.0V$ $I_C=-0.5A$	1000			
	$h_{FE(2)}$	$V_{CE}=-3.0V$ $I_C=-3.0A$	1000			
Collector to Emitter Saturation Voltage	$V_{CE(sat)(1)}$	$I_C=-3.0A$ $I_B=-12mA$			-2.0	V
	$V_{CE(sat)(2)}$	$I_C=-5.0A$ $I_B=-20mA$			-4.0	V
Base to Emitter Voltage	V_{BE}	$I_C=-3.0A$ $V_{CE}=-3.0V$			-2.5	V
Collector Output Capacitance	C_{ob}	$V_{CB}=-10V$ $I_E=0$ $f=0.1MHz$			300	pF



T□-126

单位: mm





BR

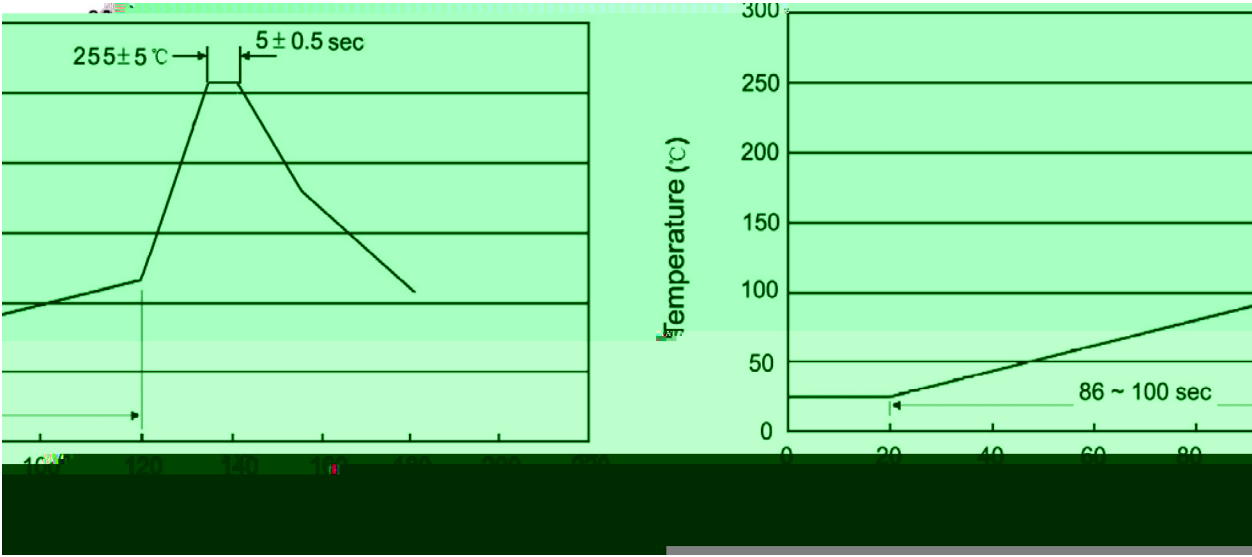
TIP127L

Note:

BR: Company Code

TIP127L: Product Type.

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



- Note:

1. Preheating: $25 \sim 150^\circ\text{C}$, Time: $60 \sim 90 \text{ sec}$.

2. Peak Temp.: $255 \pm 5^\circ\text{C}$, Duration: $5 \pm 0.5 \text{ sec}$.

3. Cooling Speed: $2 \sim 10^\circ\text{C/sec}$.
- 1

25

150

60

90sec;
- 2

255±5

5±0.5sec;
- 3

2

10

/sec.

270±5

10±1 sec.

Temp.: $270 \pm 5^\circ\text{C}$

Time: $10 \pm 1 \text{ sec}$

/ BULK

Package Type	Units					Dimension (unit mm ³)		
	Units/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Tube	Inner Box	Outer Box
TO-126/F	500	6	3,000	5	15,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units					Dimension (unit mm ³)		
	Units/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Tube	Inner Box	Outer Box
TO-126/F	65	26	1,690	5	8,450	532×31×5.6	555×164×50	575×290×180