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

/ h_{FE} Classifications & Marking

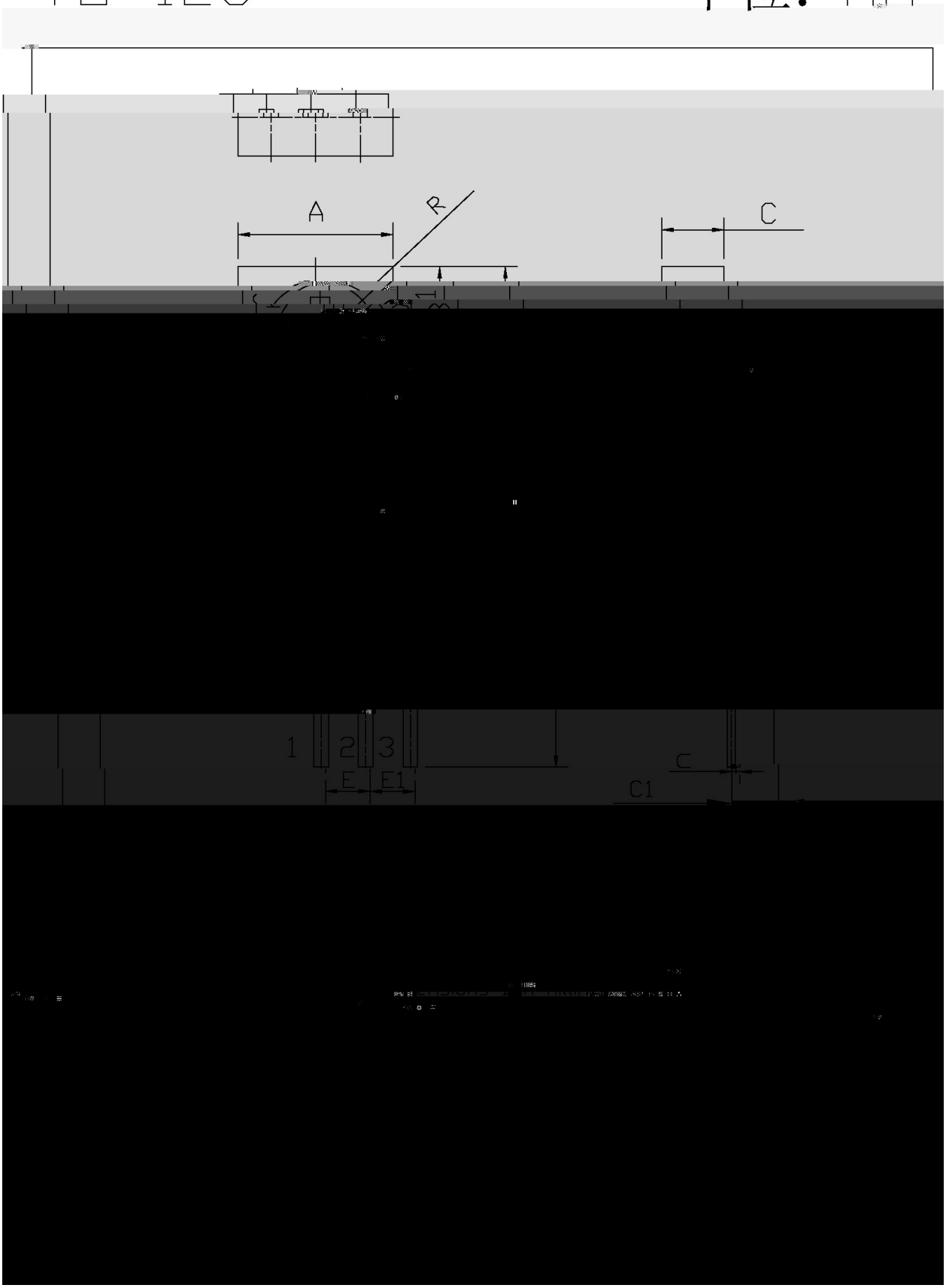
See Marking Instructions.

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(Tc=25)	40	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

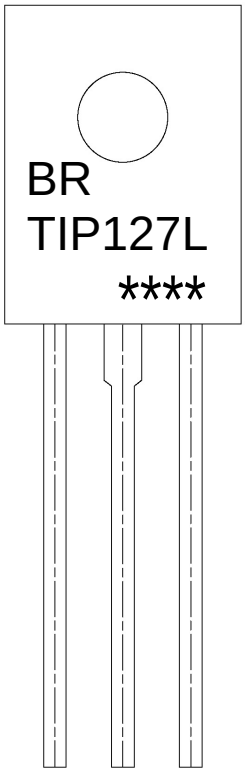
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=-100mA I_B=0	-100			V
Collector Cut-Off Current	I_{CEO}	V_{CE}=-50V I_B=0			-2.0	mA
Collector Cut-Off Current	I_{CBO}	V_{CB}=-100V I_E=0			-1.0	mA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-5.0V I_C=0			-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

/ Package Dimensions

TO-126 单位：mm



/ Marking Instructions



BR

TIP127L

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Note:

BR:	Company Code
TIP127L:	Product Type.
****:	Lot No. Code, code change with Lot No.

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