/ Descriptions

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

/ Features

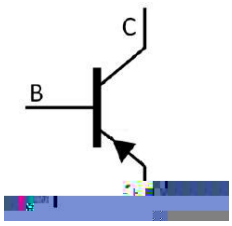
2SC5171S

High f_T, complementary pair with 2SC5171S.

/ Applications

General power and driver stage amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 Emitter PIN 2 Collector PIN 3 Base

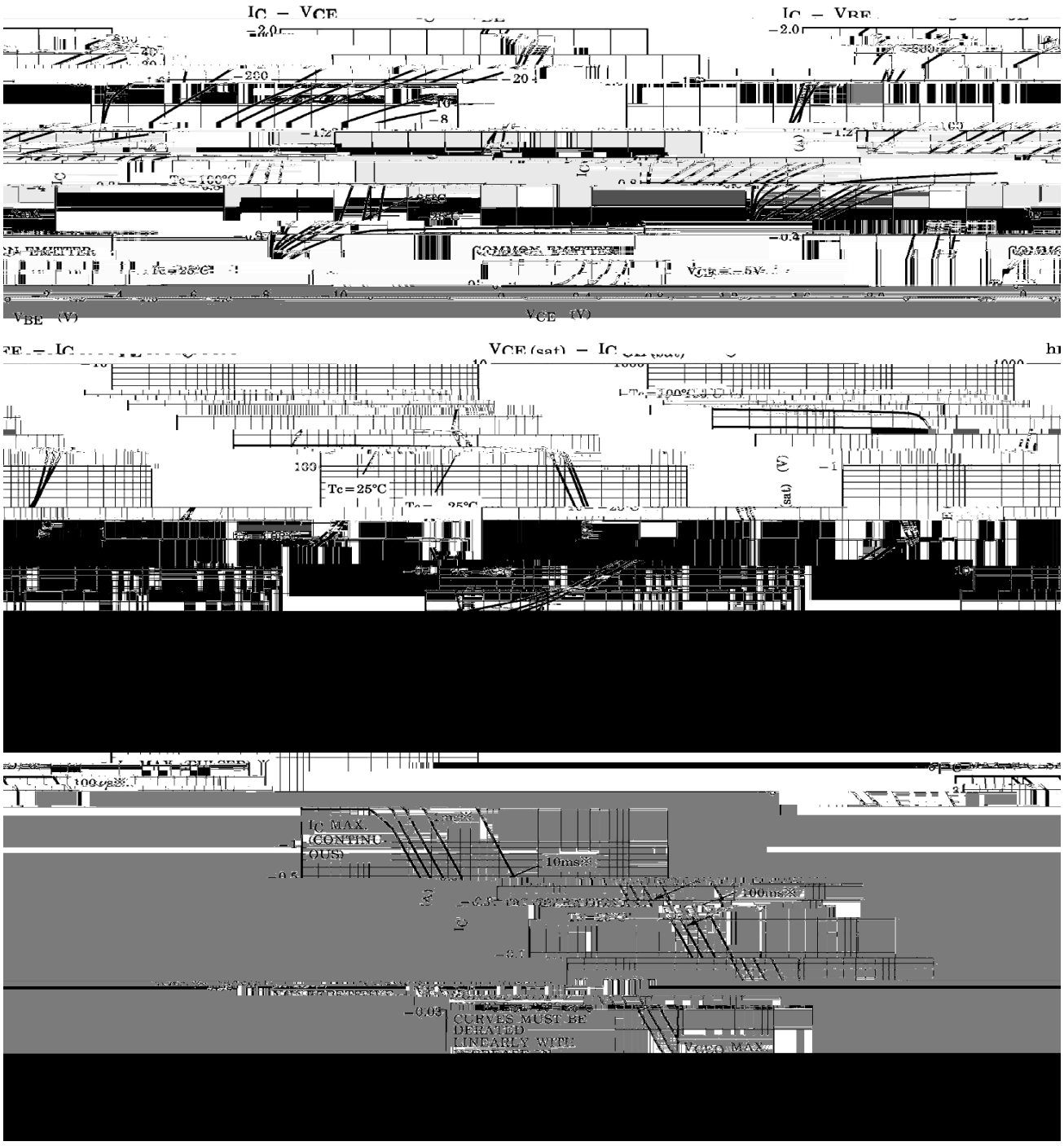
/ h_{FE} Classifications & Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-180	V
Collector to Emitter Voltage	V_{CEO}	-180	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-2.0	A
Peak Collector Current	I_B	-1.0	A
Collector Power Dissipation	P_C	1.5	W
Collector Power Dissipation	P_C(Tc=25)	20	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

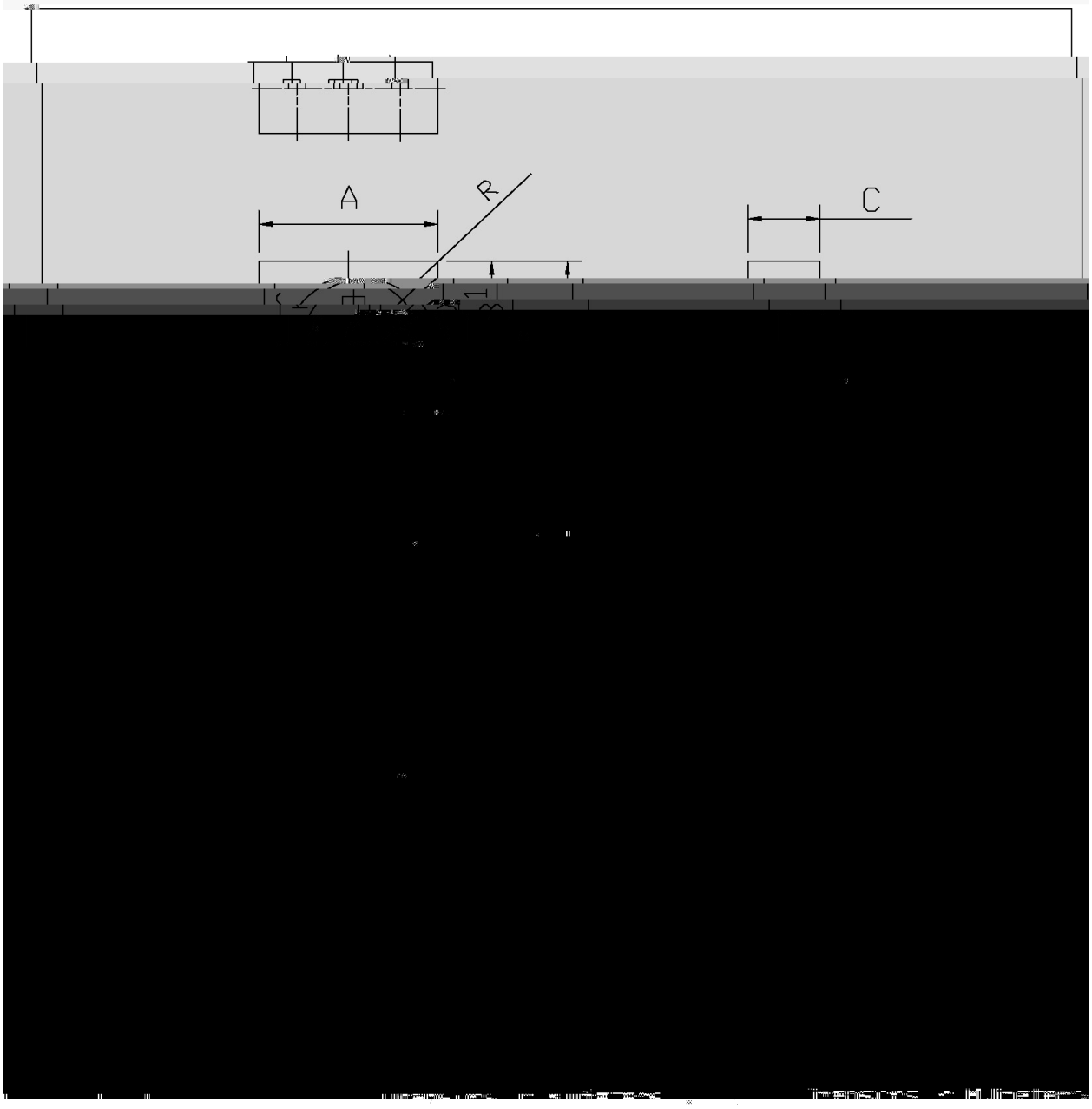
Parameter	Symbol	Test Conditions	Min	Ty10.1.3Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=-10mA I_B=0	-180		V
Collecor Cut-Off Current	I_{CBO}	V_{CB}=-180V I_E=0		-5.0	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}			

/ Electrical Characteristic Curve

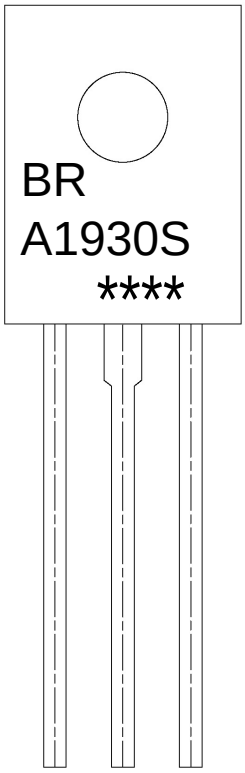


/ Package Dimensions

TO-126 单位：mm



/ Marking Instructions



BR

A1930S

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Note:

BR:	Company Code
A1930S:	Product Type.
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)

