2SC2621

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

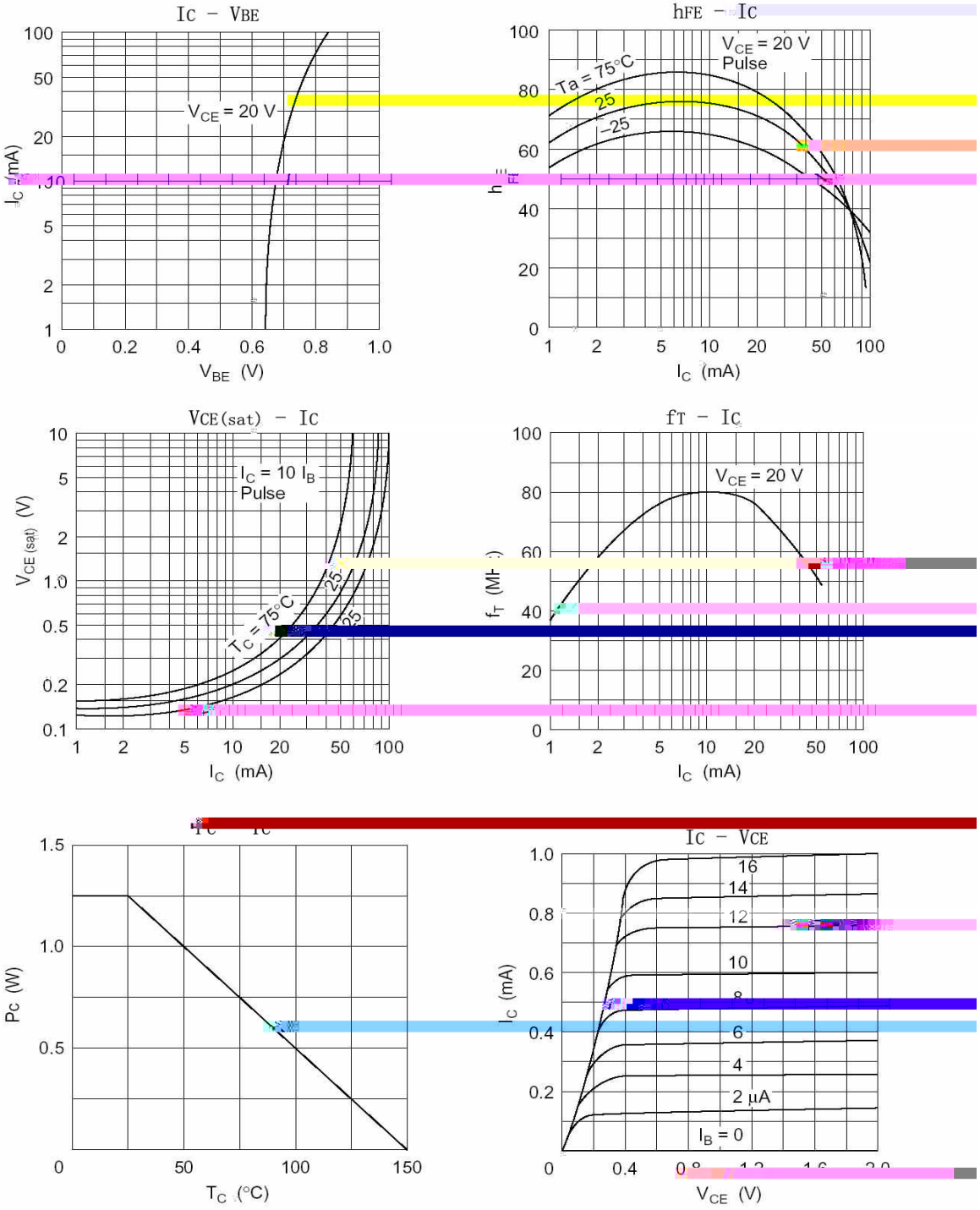
DATA SHEET

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

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	300	V
Collector to Emitter Voltage	V_{CEO}	300	V
Emitter to Base Voltage	V_{EBO}	6.5	V
Collector Current - Continuous	I_C	200	mA
Collector Current – Continuous(Pulse)	I_{CP}	700	mA
Collector Power Dissipation	P_C	1.2	W
Collector Power Dissipation	P_C(Tc=25)	10	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

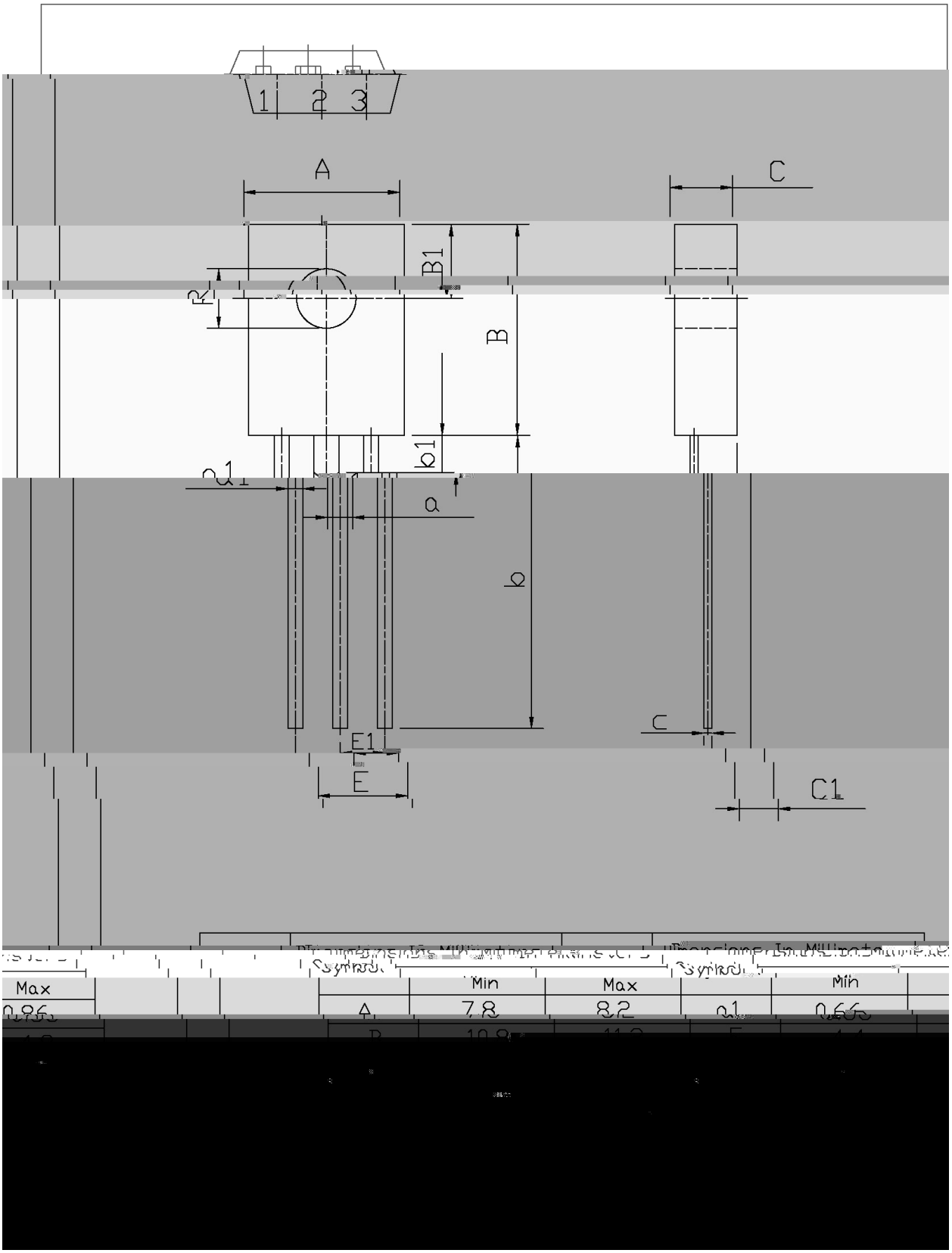
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=200V I_E=0			1.0	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=6.0V I_C=0			1.0	μA
DC Current Gain	h_{FE}	V_{CE}=10V I_C=10mA	40		200	
Collector to Emitter Saturation V						

/ Electrical Characteristic Curve



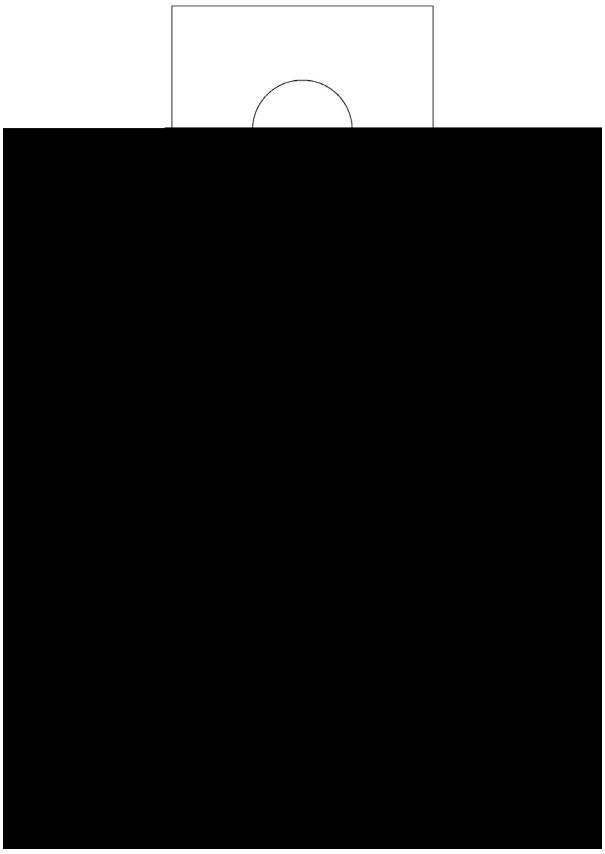
/ Package Dimensions

TO-126T 单位：mm



Symbol	Min	Max	Symbol	Min	Max
A	7.8	8.2	a1	0.66	0.86

/ Marking Instructions



BR

C2621

C: h_{FE}

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Note:

BR:	Company Code
C2621:	Product Type.
C:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.