BD034

Rev.E Mar.-2016

蓝箭电子
BLUE ROCKET ELECTRONICS
DATA SHEET

WR0459I ṂṂꝉ SQS ᴁṀɥ s ǁ ꞁ Silicon PNP transistor in a

v ˝Ω Parameter	ɣ ᴺ Symbol	˝Ω Ӫ Rating	ᴅ ʜ Unit
Collector to Base Voltage	V_{CBO}	-110	V
Collector to Emitter Voltage	V_{CEO}	-80	V
Emitter to Base Voltage	V_{EBO}	-7.0	V
Collector Current - Continuous	I_C	-2.5	A
Collector Power Dissipation	P_C	1.25	W
Junction Temperature	T_j	150	℃
Storage Temperature Range	T_{stg}	-55 150	℃

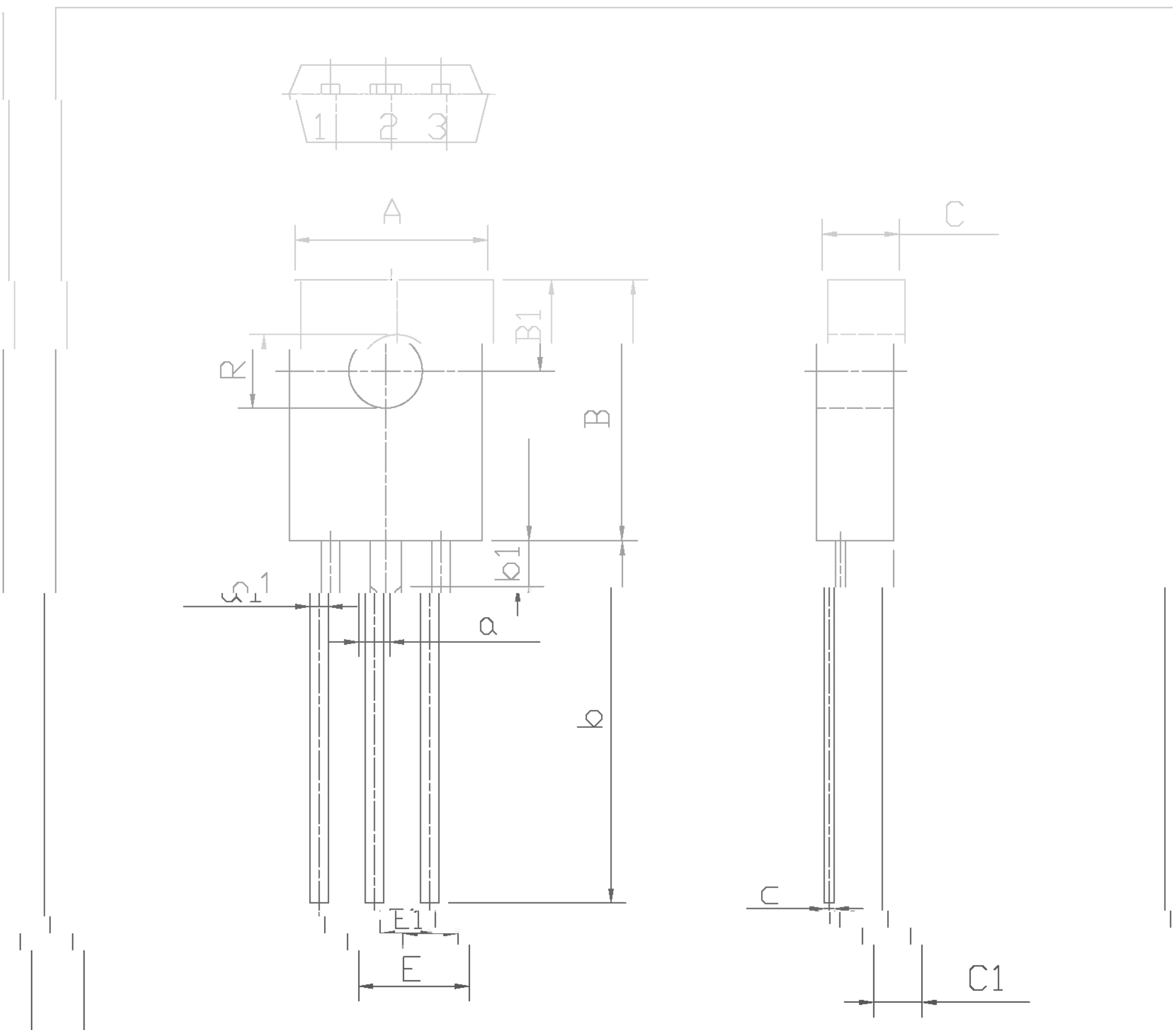
v ˝Ω Parameter	ɣ ᴺ Symbol	╜ ⁏ᶧ ʈ Test Conditions	ῳ ṇ Ӫ Min	Ɛ ʓ Ӫ Typ	ῳ ᶻ Ӫ Max	ᴅ ʜ Unit
Collector to Base Breakdown Voltage	V_{CBO}	I_C=-100 A I_B=0	-110			V

Collector to Emitter Breakdown

[redacted]

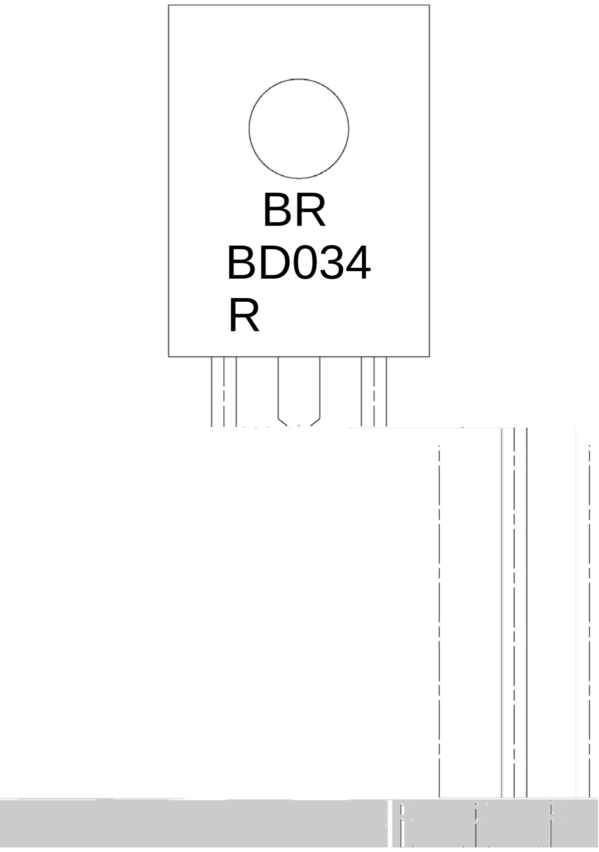
/ Package Dimensions

TO-126F 单位：mm



Symbol	Dimensions In Millimeters Min	Dimensions In Millimeters Max	Symbol	Dimensions In Millimeters Min	Dimensions In Millimeters Max
A	7.8	8.2	a1	0.66	0.86
B	10.8	11.2	E	4.4	4.8
B1	3.8	4.2	C	3.1	3.3
R	2.95	3.15	C1	1.9	2.1
b	14	16	c	0.3	0.6
b1	1.9		a	1.27	
E1	2.1	2.5			

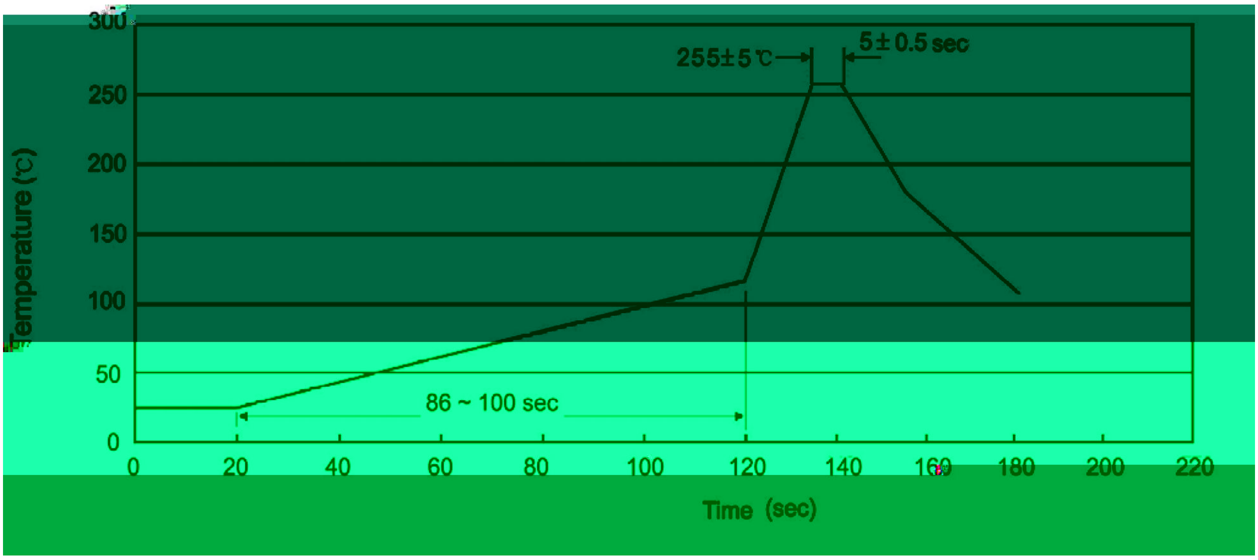
/ Marking Instructions



ب ˝ χ

EU χ	ꜧѫ ʅ ᴎ Ҧ
EG367 χ	ꜧѫ ғ ᵝ ʒ ᴺ
U χ	ꜧѫ k ɪʜ ⁶ ₭Ҧ
---- χ	ꜧѫ ꞁ ғ ή ᴺ Ҧ ι ɞ ꞁ ғ ή ᴺ ψ ק
Note:	
BR:	Company Code
BD034:	Product Type.
R χ	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.

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



ب ˝ χ

1 ἰ ♬ □ ŷ 25 Ḱ 150 ɫ ı `H ڗ 60 Ḱ 90sec;

2 Ś Ӫ □ ŷ 255 ° 5 ɫ ı `H ڗ ʿY ᄼ ᄍ 5 ° 0.5sec;

3 ì ˙ Ỵ ˛ ɔ ﻬ ŷ ᄍ 2 Ḱ 10 ɫ /sec.

Note:

1.Preheating:25~150 ɫ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɫ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɫ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ŷ χ 270 ° 5 ɫ `H ڗ χ 10 ° 1 sec.

Temp.:270±5℃ Time:10±1 sec

/ Packaging SPEC.

῝Ω ɽ ɣ Ł / BULK

Package Type 封装形式	Units 包装数量			Dimension 包装尺寸 (unit: mm^3)
	只 套管	套管 盒	只 盒	