2SC1417

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

WR0<5 ṂṂ Ḅ QSQ ÆṀ ч s ‖ ㄱ Silicon NPN transistor in a TO-92 Plastic Package.

/ Features

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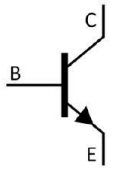
High frequency.

/ Applications

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High frequency amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

/ hFE Classifications & Marking

h_{FE} Classifications Symbol	E	F	G	H	I
h_{FE} Range	40~59	54~80	72~108	97~146	132~200

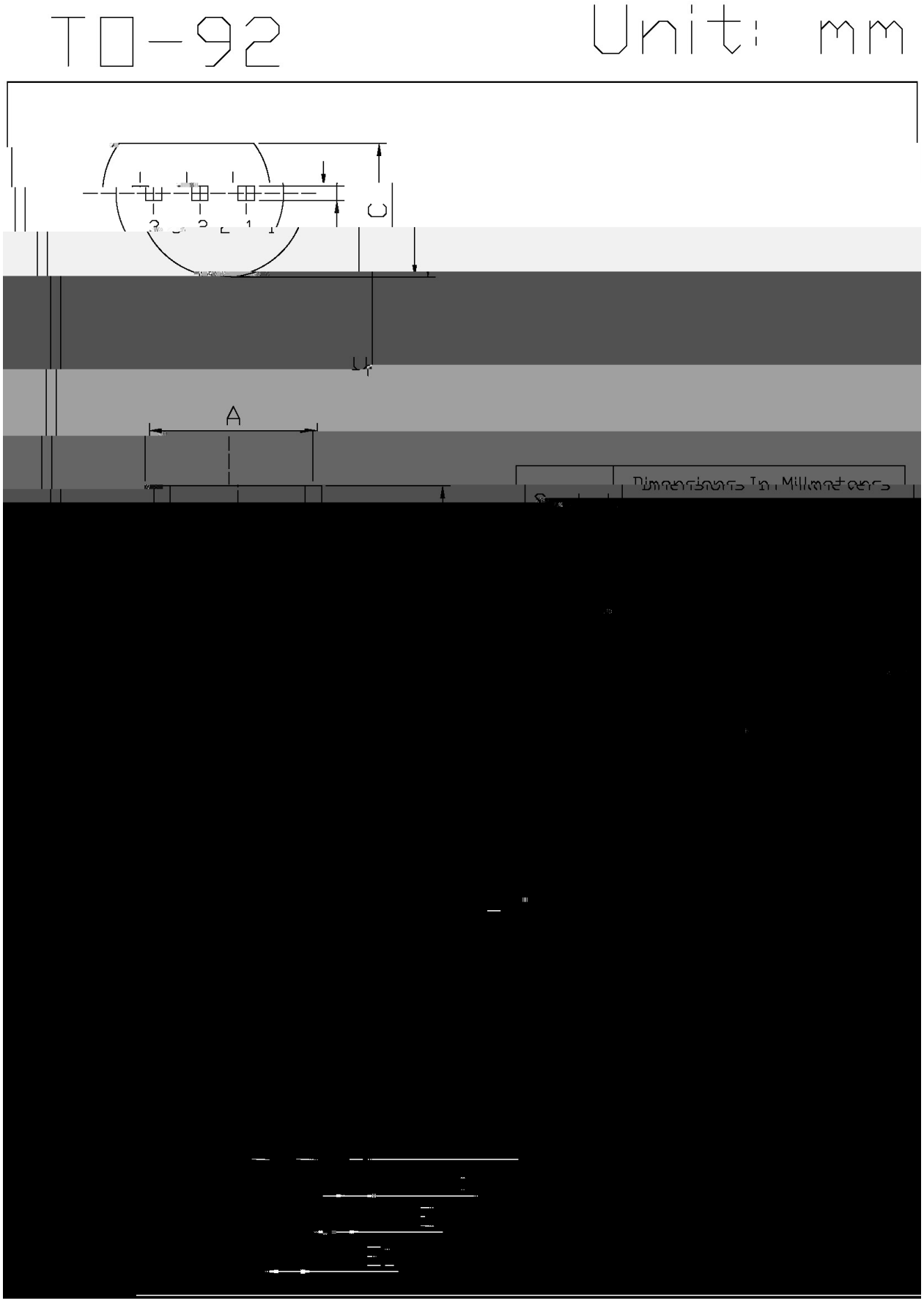
RPG›

v ̈Ω	ϒ N	̈Ω Ë
Parameter	Symbol	

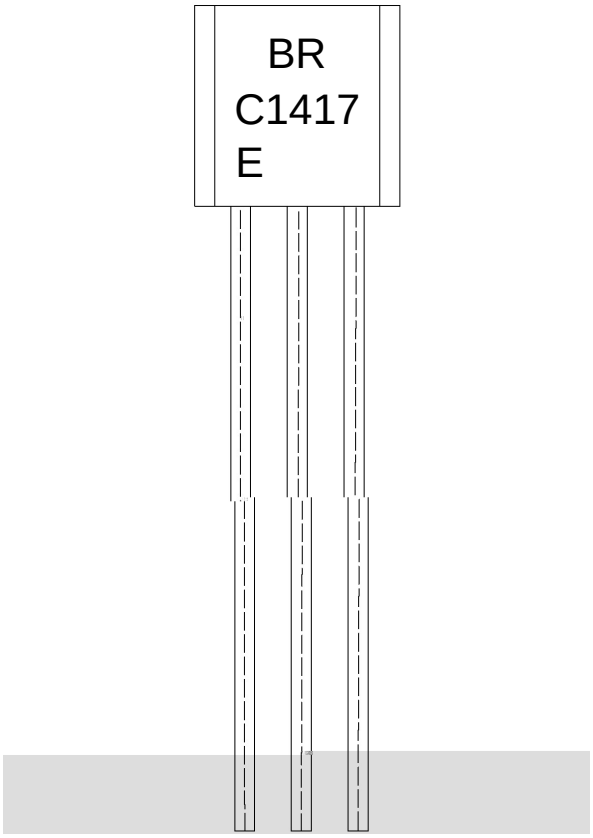
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/ Package Dimensions



/ Marking Instructions



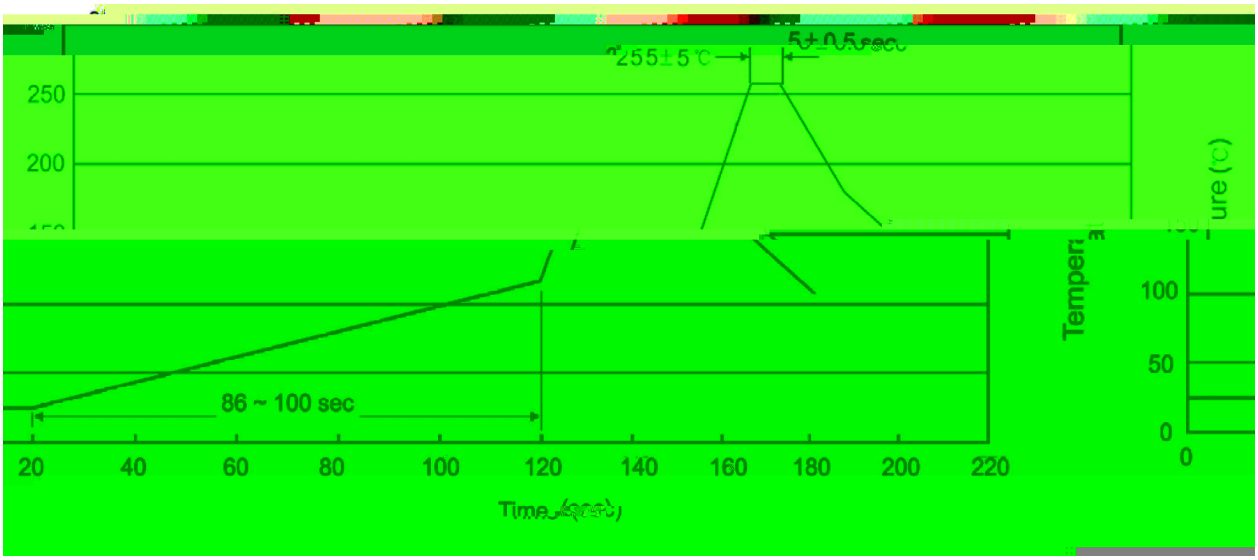
ت ˝ χ

EU=	ﻫ ﺡ ﻧ ﻕ
F474 : χ	ﻫ ﺟ ﻦ ﻕ
H=	ﻫ k ﺍ ﻫ ˋ ⁶ ﻕ
---- χ	ﻫ ﺍ ﻓ ﻍ ﻦ ﻕ ﺍ ﻉ ﺍ ﻓ ﻍ ﻦ ﻳ ﻕ

Note:

BR:	Company Code.
C1417:	Product Type.
E:	h_{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.

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



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ë □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ෯ ỷ ㎞ 2 Ḱ 10 ɬ /sec.

Note:

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

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

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ	ˋH ڑ χ 10 ° 1 sec.	Temp:270±5	Time:10±1 sec

/ Packaging SPEC.

ˈQ ţ ﾔ Ł / BULK

Package Type	Units	Dimension 314	0