

/ Descriptions

KF \$0) E GE Silicon NPN transistor in a TO-92 Plastic Package.

/ Features

High frequency.

/ Applications

High frequency amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 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

Parameter

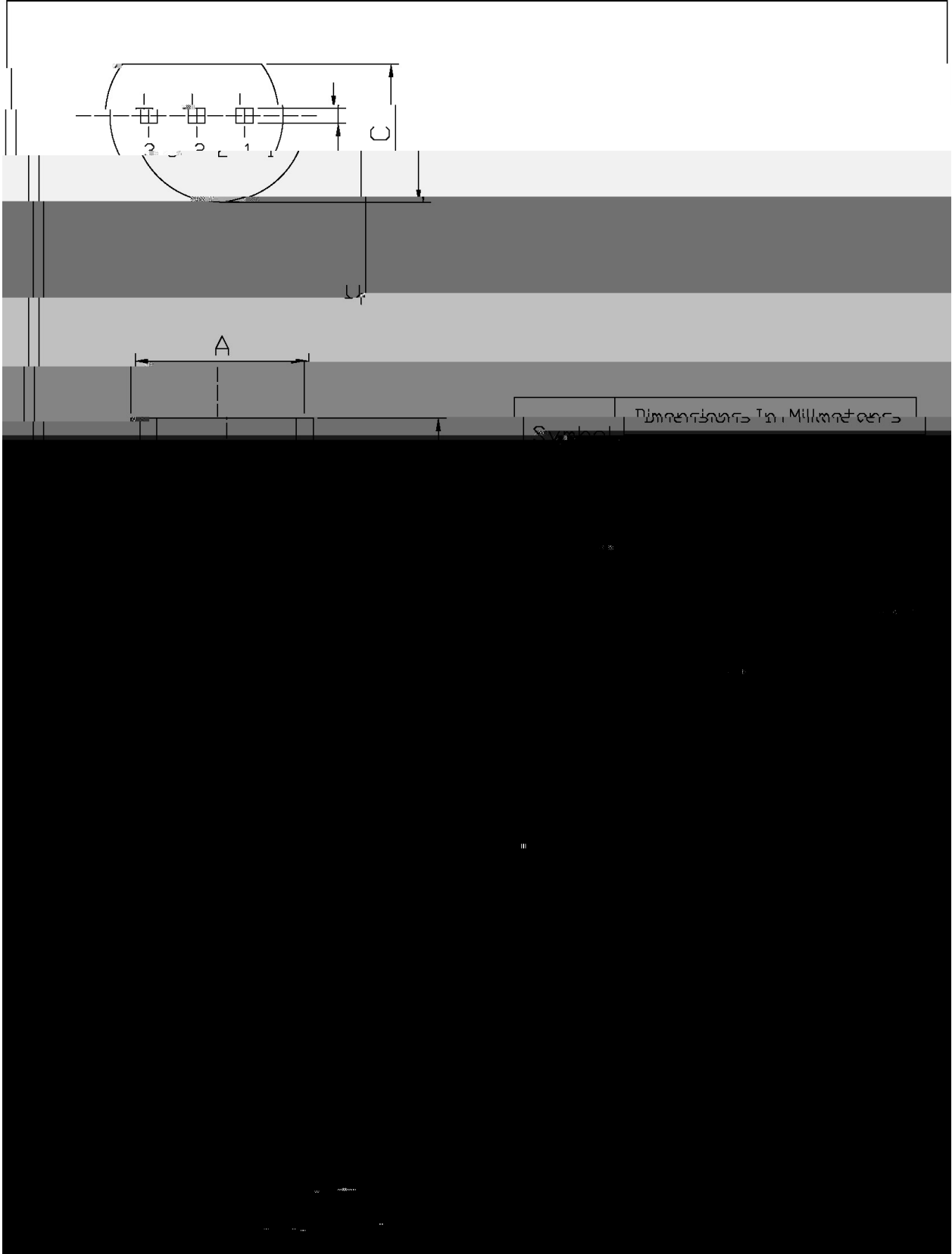
Symbol

2SC1417
Rev.E Mar.-2016

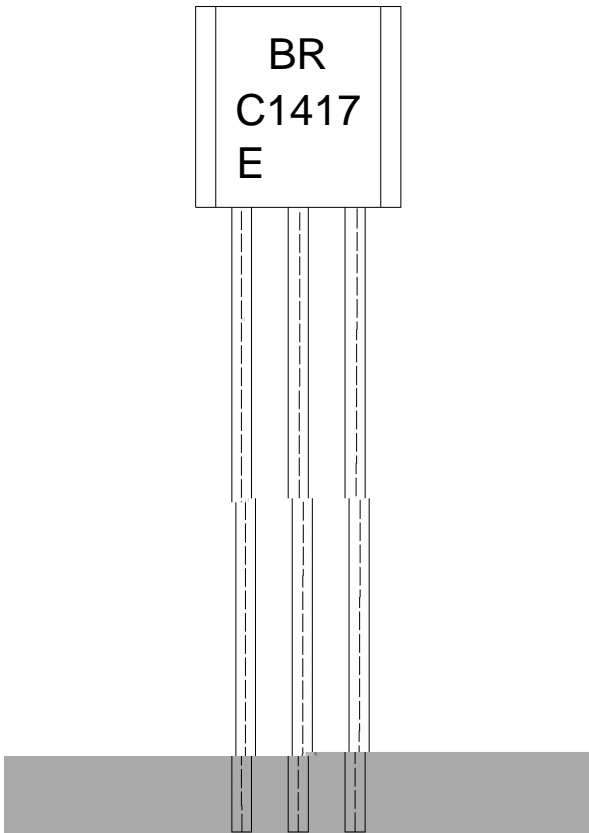
/ Package Dimensions

TO-92

Unit: mm



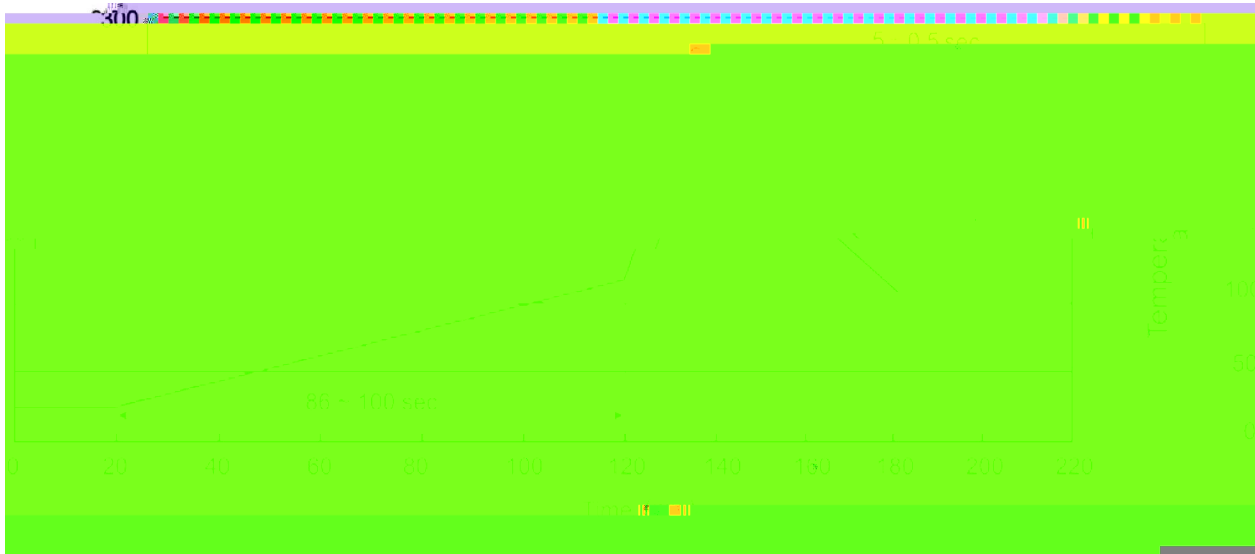
/ Marking Instructions



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- 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)



Note:

- | | | | | | |
|---|--------|-----|-----|----------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255..5 | | 5.. | 0.5sec; | 2.Peak Temp.:255..5 , Duration:5..0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270..5 10..1 sec. Temp:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type Units Dimension 314 0