



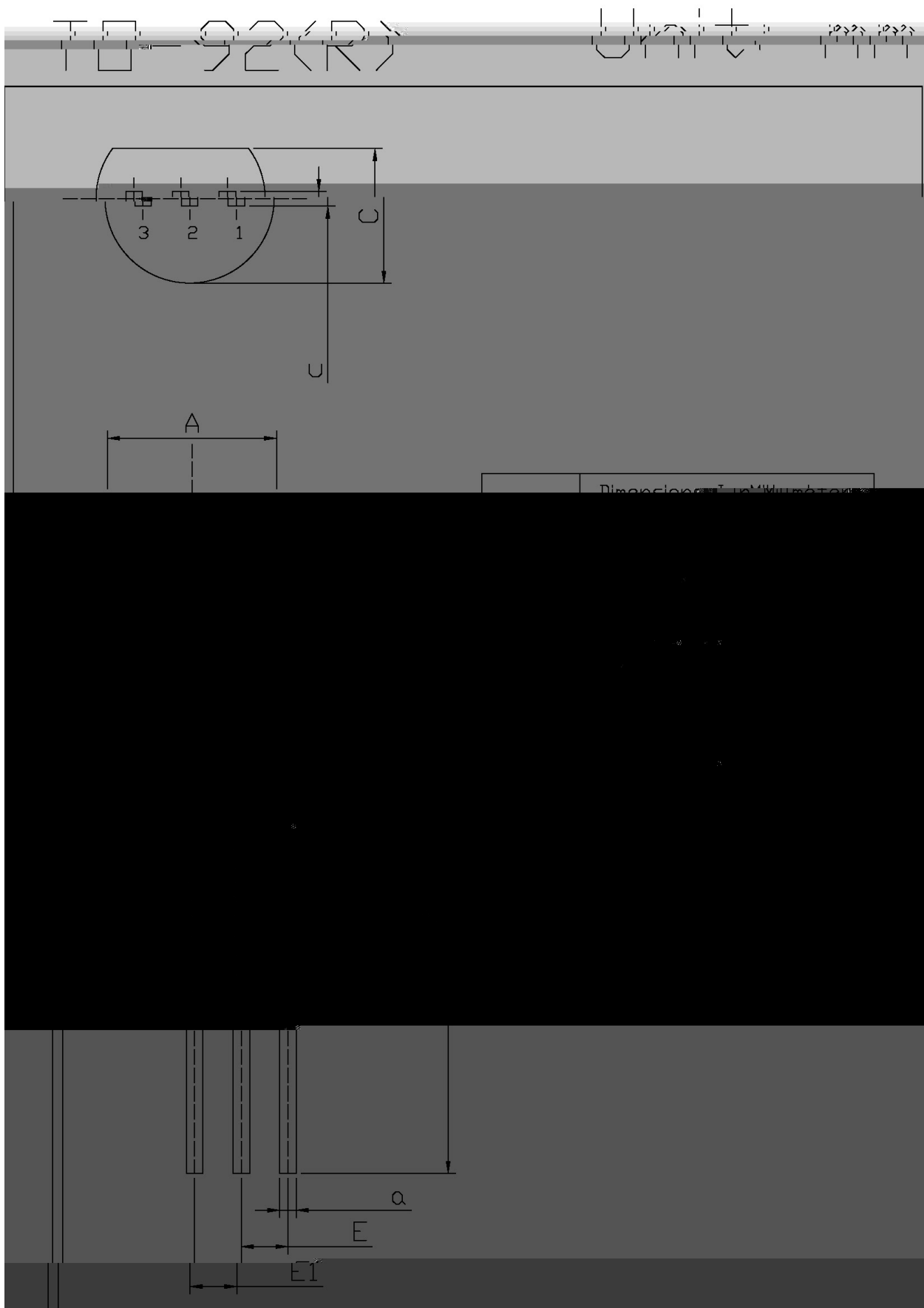
| Parameter                      | Symbol                      | Rating  | Unit |
|--------------------------------|-----------------------------|---------|------|
| Collector to Base Voltage      | $V_{CBO}$                   | 45      | V    |
| Collector to Emitter Voltage   | $V_{CEO}$                   | 30      | V    |
| Emitter to Base Voltage        | $V_{EBO}$                   | 6.0     | V    |
| Collector Current - Continuous | $I_C$                       | 100     | mA   |
| Collector Power Dissipation    | $P_C$                       | 350     | mW   |
| Collector Power Dissipation    | $P_C(T_c=25^\circ\text{C})$ | 1.0     | W    |
| Junction Temperature           | $T_j$                       | 150     |      |
| Storage Temperature Range      | $T_{stg}$                   | -55 150 |      |

### / Electrical Characteristics( $T_a=25^\circ\text{C}$ )

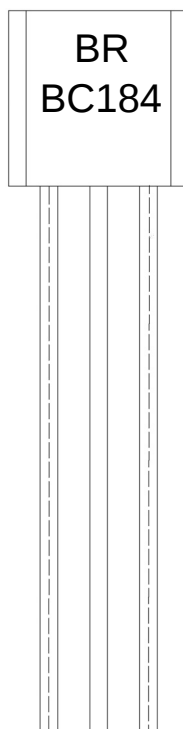
| Parameter                              | Symbol    | Test Conditions              | Min | Typ    | Max   | Unit          |
|----------------------------------------|-----------|------------------------------|-----|--------|-------|---------------|
| Collector to Base Breakdown Voltage    | $V_{CBO}$ | $I_C=10\mu\text{A}$ $I_E=0$  | 45  |        |       | V             |
| Collector to Emitter Breakdown Voltage | $V_{CEO}$ | $I_C=2.0\text{mA}$ $I_B=0$   | 30  |        |       | V             |
| Emitter to Base Breakdown Voltage      | $V_{EBO}$ | $I_E=100\mu\text{A}$ $I_C=0$ | 6.0 |        |       | V             |
| Collector Cut-Off Current              | $I_{CBO}$ | $V_{CB}=30\text{V}$ $I_E=0$  |     | 0.0002 | 0.015 | $\mu\text{A}$ |
| Emitter Cut-Off Current                | $I_{EBO}$ | $V_{EB}=4.0\text{V}$         |     |        |       |               |



# / Package Dimensions



**/ Marking Instructions**



BR

BC184

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Note:

BR: Company Code.

BC184: Product Type.

\*\*\*\*: Lot No. Code, code change with Lot No.

**BC184**

Rev.E Mar.-2016

**DATA SHEET**