# 2SC2482

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

## / Descriptions

TO-92LM NPN Silicon NPN transistor in a TO-92LM Plastic Package.

## / Features

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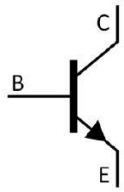
High voltage, small collector output capacitance.

## / Applications

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High voltage switching and amplifier, color TV horiz driver, chroma output applications..

## / Equivalent Circuit




## / Pinning




PIN1 Base PIN 2 Collector PIN 3 Emitter

## / $h_{FE}$ Classifications & Marking

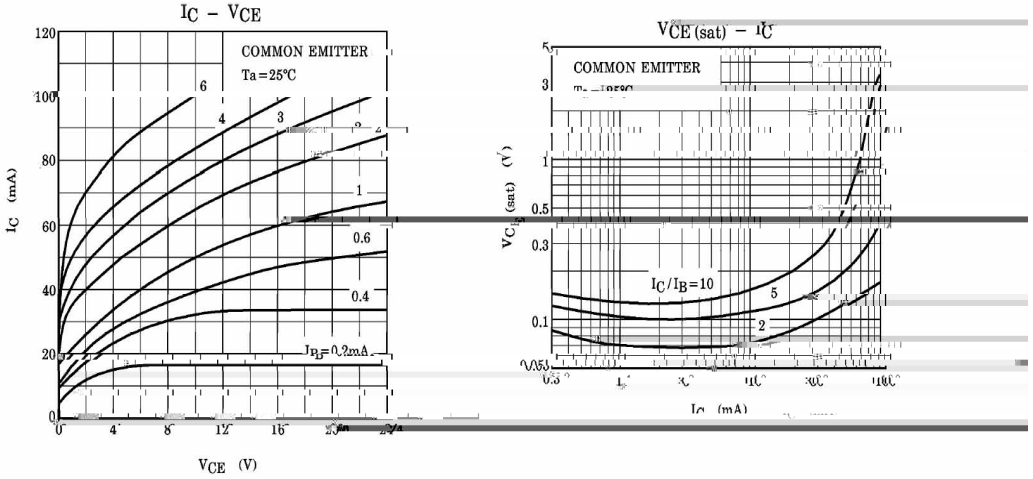
See Marking Instructions.

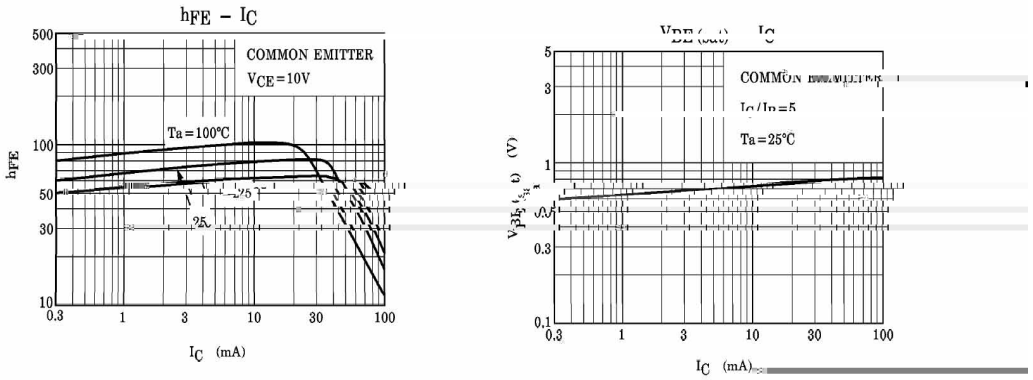
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | 300 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | 300 | V |
| Emitter to Base Voltage | $V_{EBO}$ | 7.0 | V |
| Collector Current (DC) | $I_C$ | 100 | mA |
| Base Current | $I_B$ | 50 | mA |
| Collector Power Dissipation | $P_C$ | 900 | mW |
| Junction Temperature | $T_j$ | 150 | |
| Storage Temperature Range | $T_{stg}$ | -55 150 | |

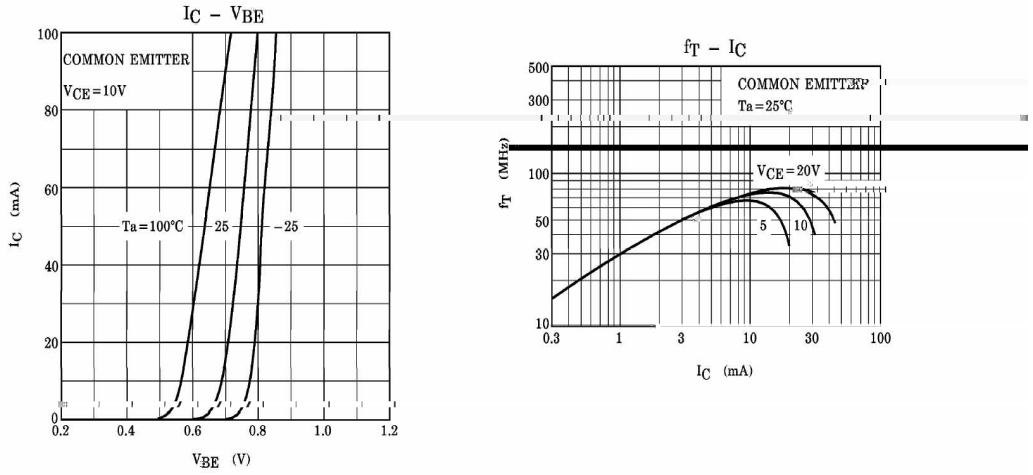
| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Collector Cut-Off Current | $I_{CBO}$ | $V_{CB}$=240V $I_E$=0 | | | 1.0 | μA |

Emitter

## / Electrical Characteristic Curve

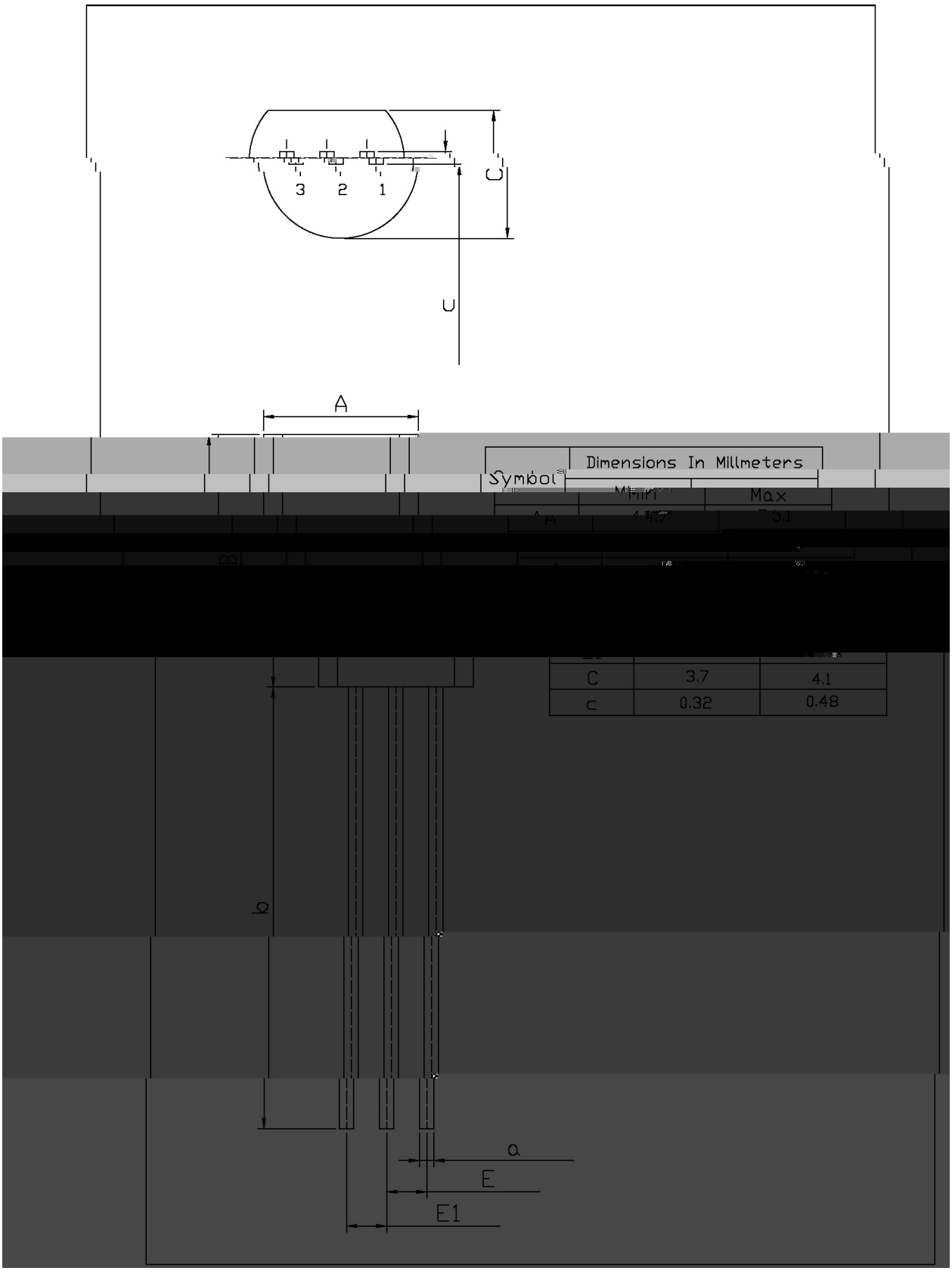


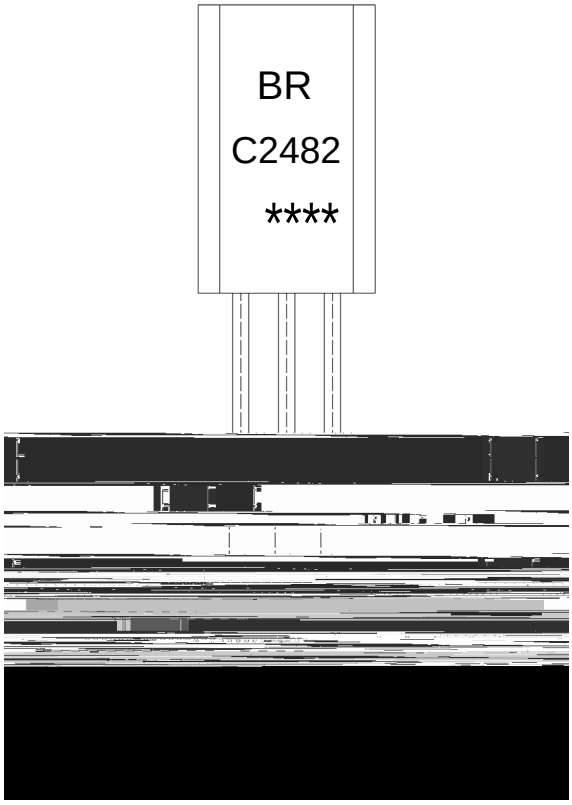



## / Package Dimensions

TO-92LM Unit: mm



## / Marking Instructions




BR:

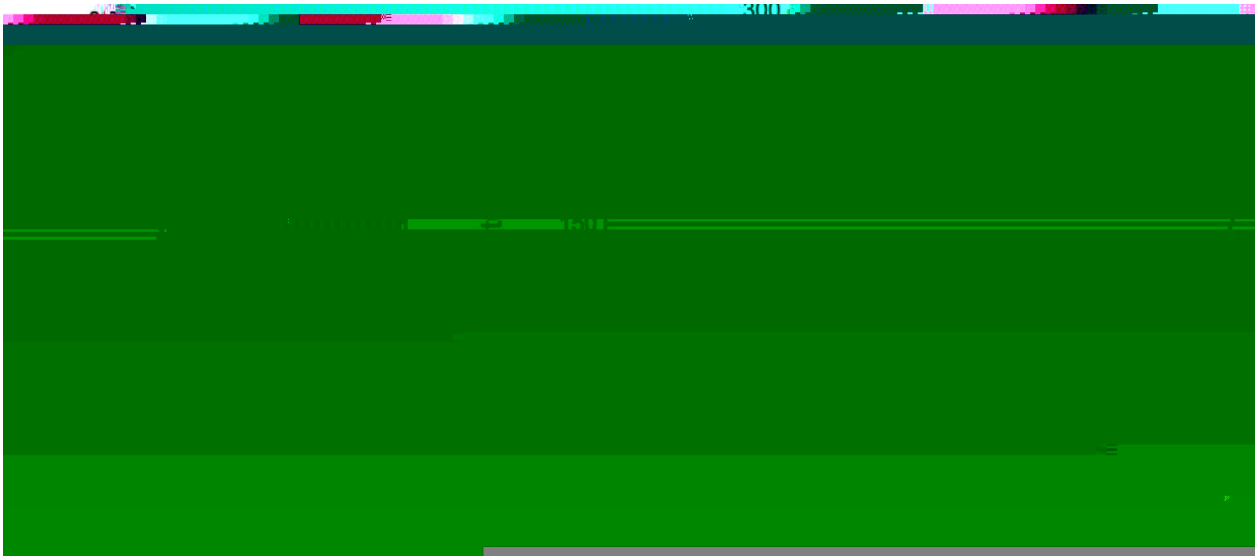
C2482

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Note:

| | |
|---|---|
| BR: | Company Code. |
| C2482: | Product Type. |
| ****: | 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

/sec.