

/ Descriptions

SOT-23  
Silicon Diode in a SOT-23 Plastic Package.

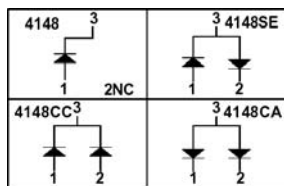
/ Features

Fast Switching, High Conductance. HF Product.

/ Applications

Small signal diode.

/ Equivalent Circuit



/ Pinning



PIN: See Equivalent Circuit.

/  $h_{FE}$  Classifications & Marking

|         |          |            |            |            |
|---------|----------|------------|------------|------------|
| Type    | MMBD4148 | MMBD4148SE | MMBD4148CC | MMBD4148CA |
| Marking | H5H      | HD4        | HD5        | HD6        |

| Parameter | Symbol | Rating | Unit |
|-----------|--------|--------|------|
|-----------|--------|--------|------|

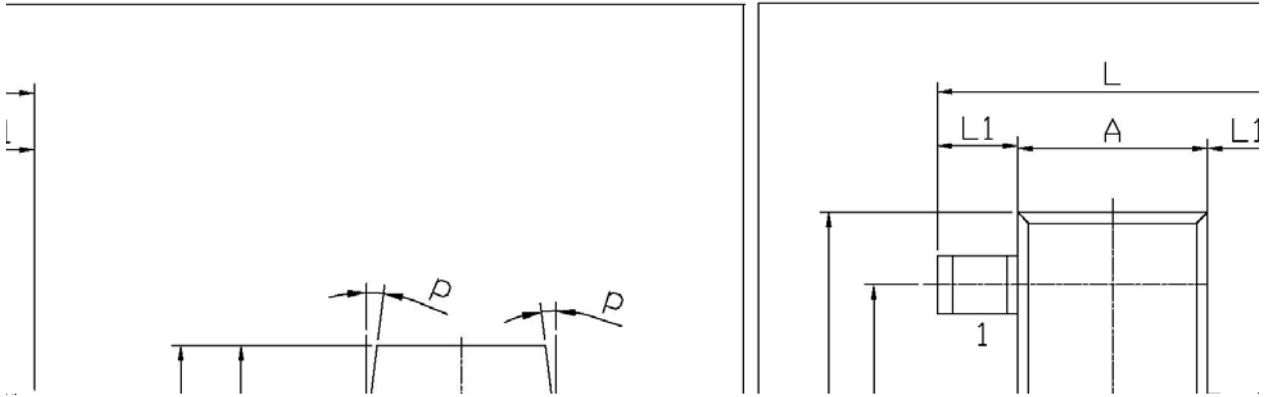
**MMBD4148/SE/CC/CA**

Rev.G May.-2020

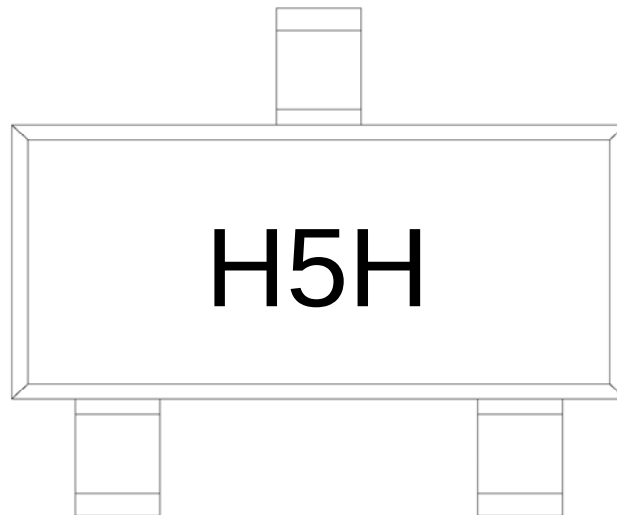
/ Package Dimensions

SOT-23

单位: mm



/ Marking Instructions



H

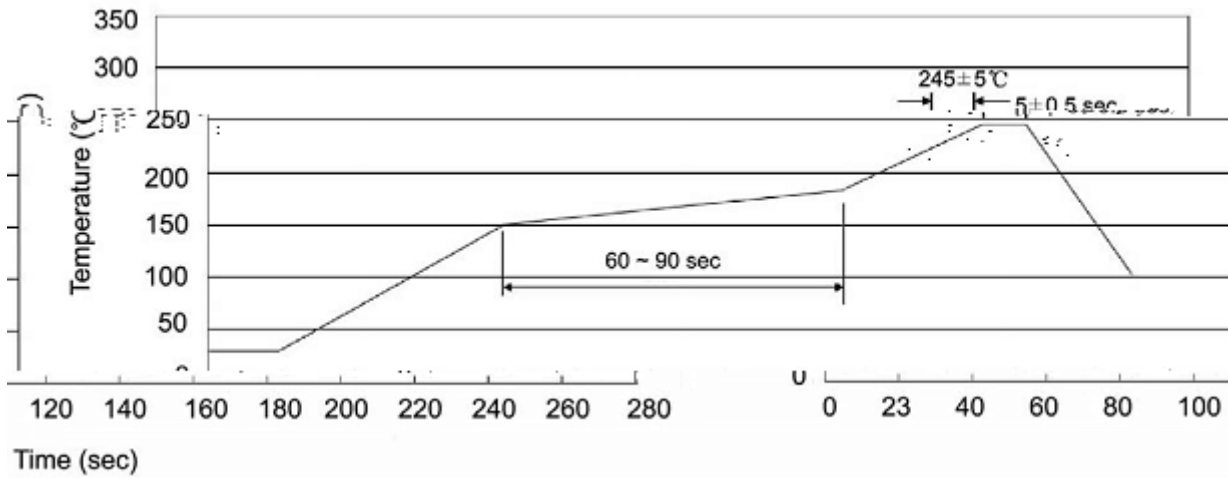
5H

Note:

H: Company Code.

5H: Product Type.

( ) /



Note:

- |   |        |           |                                         |
|---|--------|-----------|-----------------------------------------|
| 1 | 25 150 | 60 90sec; | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 245±5  | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | 2 10   | /sec.     | 3. Cooling Speed: 2~10 /sec.            |

## / Resistance to Soldering Heat Test Conditions

|       |           |             |               |
|-------|-----------|-------------|---------------|
| 260±5 | 10±1 sec. | Temp.:260±5 | Time:10±1 sec |
|-------|-----------|-------------|---------------|

## / Packaging SPEC.

/ REEL

| Package Type<br>封装形式 | Units/Reel<br>只/卷盘 | Reels/Inner Box<br>卷盘/盒 | Units 包装数量 | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |
|----------------------|--------------------|-------------------------|------------|-----------------------------------------|
|----------------------|--------------------|-------------------------|------------|-----------------------------------------|