

**/ Descriptions**

Silicon Diode in a SOT-23 Plastic Package.

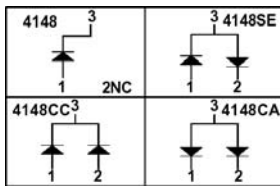
**/ Features**

Fast Switching, High Conductance. HF Product.

**/ Applications**

Small signal diode.

**/ Equivalent Circuit**



**/ Pinning**



PIN: See Equivalent Circuit.

**/ h<sub>FE</sub> Classifications & Marking**

Type	MMBD4148	MMBD4148SE	MMBD4148CC	MMBD4148CA
Marking	H5H	HD4	HD5	HD6

Parameter	Symbol	Rating	Unit
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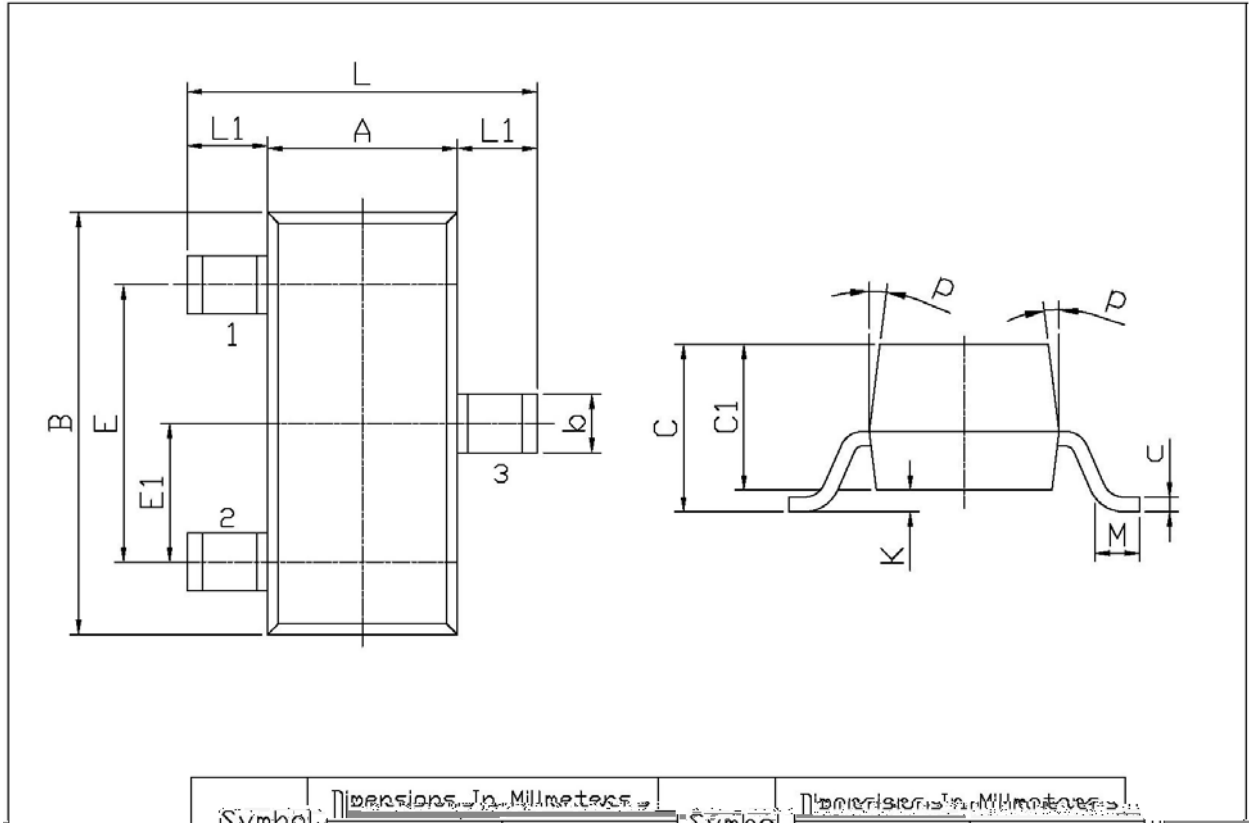
**MMBD4148/SE/CC/CA**

Rev.G May.-2020

/ Package Dimensions

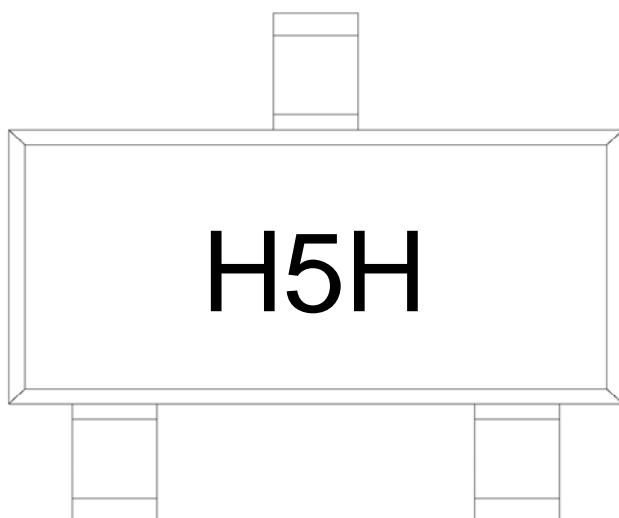
SOT-23

单位: mm



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
L	2.2	2.7	C	1.30Max	
L1	0.45	0.65	C1	0.90	1.20
A	1.15	1.50	c	0.05	0.20
B	2.70	3.10	K	0	0.10
E	1.70	2.10	M	0.20MIN	
E1	0.85	1.05	P	7°	
b	0.35	0.55			

/ Marking Instructions

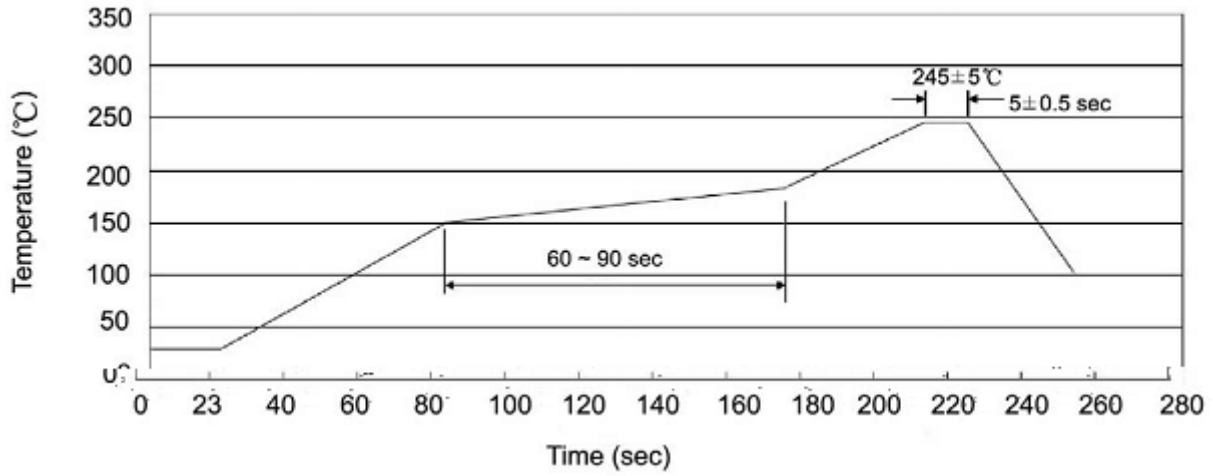


Note:

H: Company Code.

5H: Product Type.

( ) / Temperature Profile for IR Reflow Soldering (Pb-Free)



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