

/ Descriptions

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

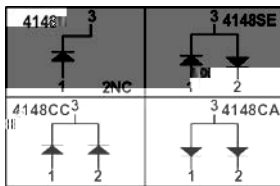
/ Features

Fast Switching, High Conductance. HF Product.

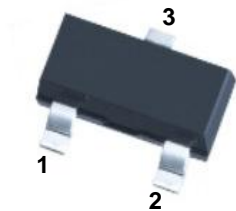
/ Applications

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 |
|-----------|--------|--------|------|
|-----------|--------|--------|------|

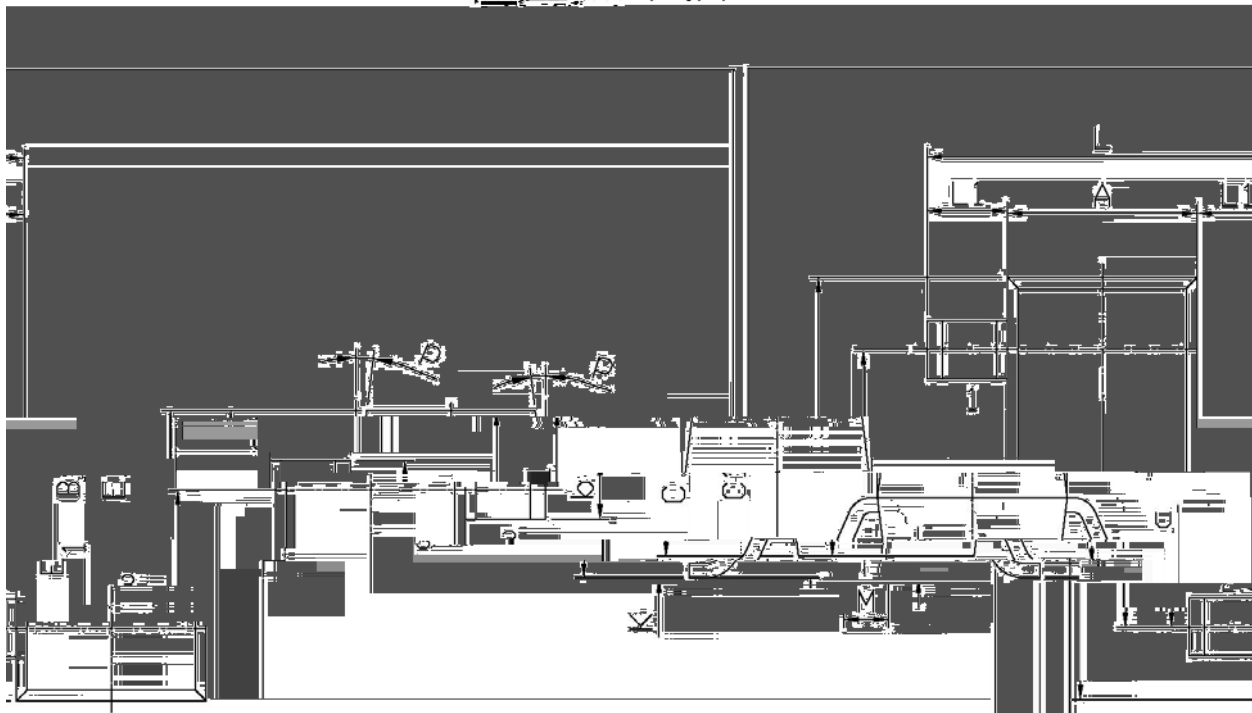
MMBD4148/SE/CC/CA

Rev.G May.-2020

/ Package Dimensions

SOT-23

单位: mm



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

/ Marking Instructions



H

5H

Note:

H: Company Code.

5H: Product Type.

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DATA SHEET