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## JMP 1309C

- ◆ Small and exquisite form
- ◆ Exceptional durability on metal surfaces
- ◆ High and low temperature resistance

### Applications

**JMP 1309C** is a UHF passive tag with excellent performance while tracking metal assets, especially in harsh environments, such as:

- ◆ Hardware industry: clamps, wrenches and screws
- ◆ IT industry: computers, data center servers and circuit boards.
- ◆ Energy industry: oil pipes, drilling tools, gas tanks and valves
- ◆ Defense: weapons, aircraft and marine components

### Physical Specifications

|                  |                        |
|------------------|------------------------|
| Size (mm)        | 13x9x3                 |
| Size (in)        | 0.51x0.35x0.12         |
| Mounting Method  | Embed in or epoxy glue |
| Housing Material | Ceramic                |

### Electronic Specifications

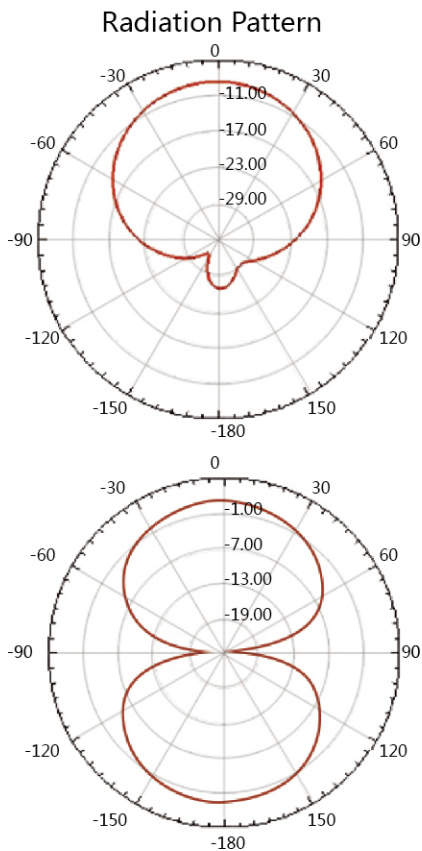
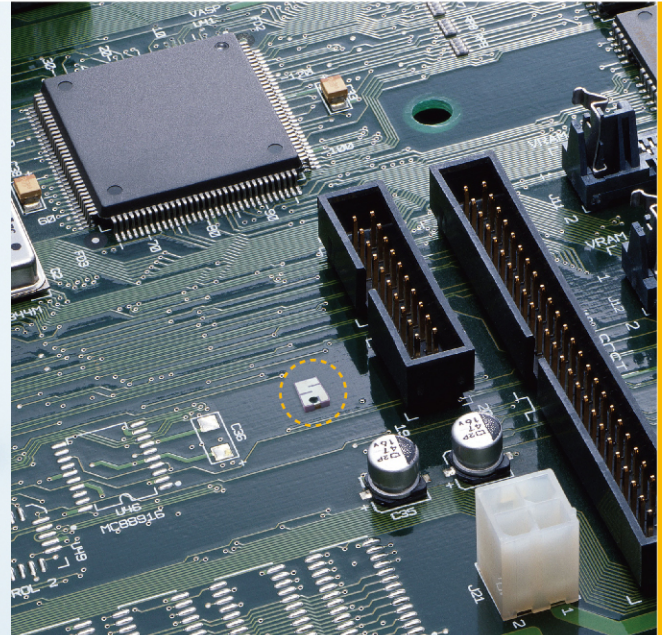
|                       |   |
|-----------------------|---|
| Operating Frequency   | 902~928 MHz (US)<br>865~868 MHz (EU)                  |
| Chip Type             | Impinj Monza 4D/4E/4QT                                |
| EPC                   | 128 & 496 bits  |
| User Memory           | Up to 512 bits  |
| TID                   | 96 bits   |
| Key                   | 32 bits   |
| Permanent Failure Key | 32 bits   |
| Reading Distance      | 0.5 to 2.5 m depending on reader type and environment |



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Protective Cover (avoid damage during the tool using process)



## Environmental Specifications

Static Pressure  $\geq 3\text{Mpa}$

|             |                             |                 |
|-------------|-----------------------------|-----------------|
| Temperature | Operation                   | -40 °C to 85°C  |
|             | Storage                     | -40 °C to 85°C  |
|             | Extreme storage temperature | -40 °C to 150°C |
| Humidity    | 85%RH                       |                 |

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