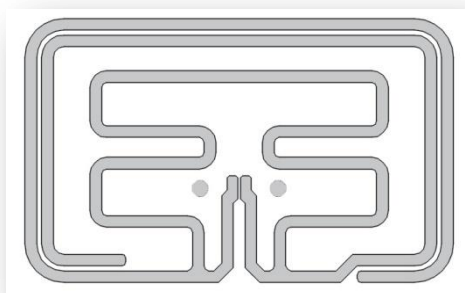


# PRODUCT DATASHEET

## PID-MINI

The **PID-MINI** is a wide band **EPC CLASS 1 GEN 2** tag which fulfils your need for best in the item level identification. With its choice of **Impinj Monza chips**, the PID-MINI provides excellent performance in jewellery management and small sized asset tracking.



### GENERAL SPECIFICATIONS

|                   |   |
|-------------------|---|
| Frequency         | <b>FCC:</b> 902-928 MHz <b>ETSI:</b> 865-868 MHz <b>ASIA:</b> 950-956 MHz |
| Protocol          | EPC Class 1 Gen 2: ISO 18000-6C   |
| Antenna Size      | 22 mm x 13.5 mm   |
| Label Size        | 26 mm x 16.5 mm (Also Customizable)                                       |
| Available Formats | Wet Inlays/Paper Label/Polyester Label                                    |

### RFID CHIP SILICON

| TAG SILICON           | IMPINJ MONZA R6                   | IMPINJ MONZA R6-P                 |
|-----------------------|-----------------------------------|-----------------------------------|
| Protocol              | EPC Class 1 Gen 2                 | EPC Class 1 Gen 2                 |
| Operating Frequency   | 860 – 960 MHz                     | 860 – 960 MHz                     |
| EPC Memory            | 96 bits                           | 128 bits                          |
| User Memory           | -                                 | 32 bits                           |
| Operating temperature | -40°C / +85°C<br>(-58°F / +185°F) | -40°C / +85°C<br>(-58°F / +185°F) |

### PRODUCT CHARACTERISTICS

|                     | ADHESIVE LABEL   |
|---------------------|--|
| Antenna Material    | Aluminium/Silver Ink                                   |
| Front Face Material | White TT Printable label<br>White TT Printable Plastic |
| Adhesive            | Solvent-free permanent acrylic adhesive                |
| Final inspection    | 100% tested; defective tags marked                     |

# PRODUCT DATASHEET

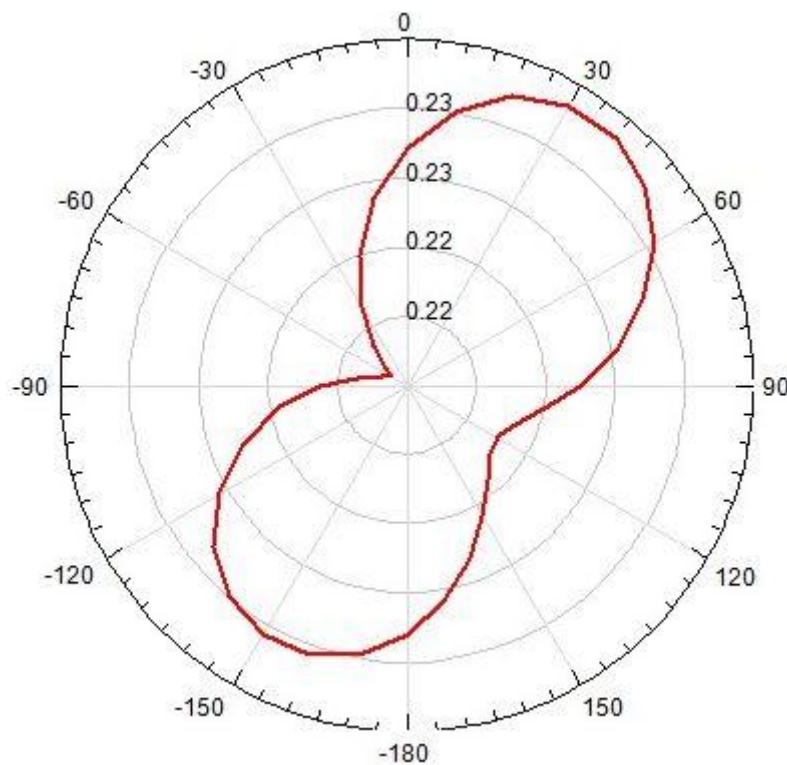
## DELIVERY CONDITIONS

|                        | ADHESIVE LABEL            |
|------------------------|---------------------------|
| Packaging              | Roll                      |
| Core inner diameter    | 76 mm                     |
| Roll outer diameter    | 200 mm                    |
| Unwinding direction    | Labels on outside of roll |
| Standard roll size     | 5000 pcs                  |
| Minimum order quantity | One roll                  |

## APPLICATIONS

- Jewellery Management
- Item level tracking

### RADIATION PATTERN FOR PID-MINI



(Relative Read Range vs. Orientation)