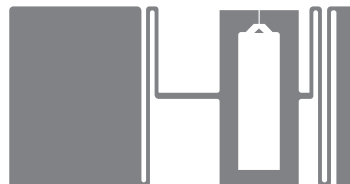


DATASHEET

RS-HY3518MR6-2
UHF RFID Dry Inlay

KEY DATA

Chip: Monza R6
Antenna Size: 35 × 18 mm
Format: Dry Inlay, Wet Inlay,
White Paper

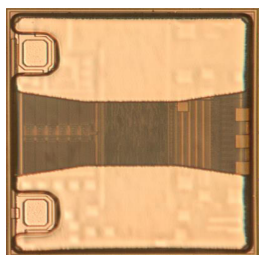


RS-HY1835MR6-2

APPLICATION

Supply Chain & Logistics Management
Warehouse Management

OVERVIEW



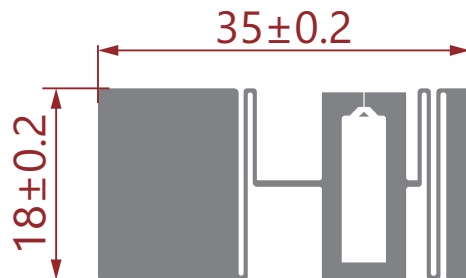
RS-HY1835MR6-2 UHF RFID Dry Inlay is built with Impinj Monza R6.

The Monza R6 UHF RFID tag chip is optimized for serializing items such as apparel, electronics, cosmetics, documents and jewelry. It delivers unmatched read performance and data integrity for effective RFID business systems and record-breaking encoding performance to enable the lowest applied tag cost. The Monza R6 tag chip includes revolutionary technologies such as automatic performance adjustments and encoding diagnostics that reinforce the position of the Monza tag chip family as the RFID industry leader.

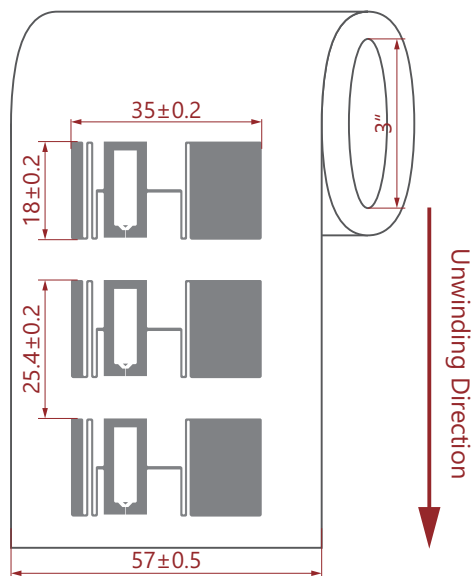
DATASHEET

RS-HY3518MR6-2
UHF RFID Dry Inlay

DIMENSIONS



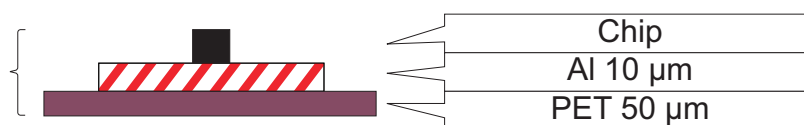
ORIENTATION



| Physical characteristics | Dimensions |
|--------------------------|--|
| Antenna size | 35 × 18 mm |
| Inlay pitch | 25.4 mm |
| PET width | 57 mm |
| Dry Inlay thickness | Al 10 μm + PET 50 μm |
| Reel detail | Web width: 57 ± 1.0 mm Inner core diameter: 3" (76.2 mm) Core thickness: 5 ± 2 mm |

STRUCTURE

Dry inlay



ELECTRICAL CHARACTERISTICS

| Item | | Description |
|----------------------|----------|--|
| Manufacture/IC | | Impinj Monza R6 |
| Base Material | | PET |
| Antenna | | Etched Al (10 μm) + PET (50 μm) |
| Protocol | | RAIN RFID / ISO 18000-6C and EPC global Gen2v2 Compliant |
| Memory | User | None |
| | TID | 48 bits |
| | EPC | 96 bits |
| | Password | Kill Password - None Access Password - None |
| Frequency | | 860 ~ 960 MHz |
| Operating Mode | | Passive |
| IC Life | | 100,000 Programming cycles, 50years data retention |
| ESD Voltage Immunity | | Max. 2000 V |

ENVIRONMENTAL REQUIREMENT

- Operating Temperature/Humidity: -5°C ~ 60°C / 20% ~ 80% RH
- Storage Temperature/Humidity: 20°C ~ 30°C / 20% ~ 60% RH
- Shelf Life: From the date of manufacture, 1 year in anti-static bag at 20°C ~ 30°C / 20% ~ 60% RH, and avoid direct sunlight exposure

PACKAGING

Reference Packing: Static-free bag with zipper; 12000 ± 100 Pcs/roll, 4 rolls/ctn (Actual Qty as per Shipping Mark).

