

Impinj®Monza®R6-P

UHF RFID Pin Tag

AZT-EAS-R6P-ABS-D34T5



1. Product Overview

The Impinj®Monza®R6-P UHF RFID Pin Tag is a compact and durable tag designed for apparel security and inventory tracking. Operating at 860–960MHz and compliant with EPC Global Gen2v2 and ISO/IEC 18000-6C protocols, it features 128 bits of EPC memory and 64 bits of user memory. Made of ABS with an IP54 rating, this Ø34×5 mm tag weighs only 2.7g and uses a pin buckle design for easy attachment to garments in retail environments.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZT-EAS-R6P-ABS-D34T5
Material	ABS
Dimension (diameter × thickness)	Ø34×5 mm
Weight	2.7 g
Customization	Logo, barcode/QR code, number printing, encoding, design, etc.
Mounting Method	Pin buckle
IP Rating	IP54

Key Features

Operating Frequency	UHF 860-960 MHz
Chip Type	Impinj®Monza®R6-P
International Standard	ISO/IEC 18000-6C, EPC Global Gen2v2
EPC Memory	128 bits
User Memory	64 bits
IP Rating	IP54



2.2 Technical Parameters

Operating Frequency	860-960 MHz
Communication Protocol	ISO/IEC 18000-6C, EPC Global Gen2v2
Read Range	2W ERP FCC: 6.5 m 2W ERP ETSI: 4.5 m

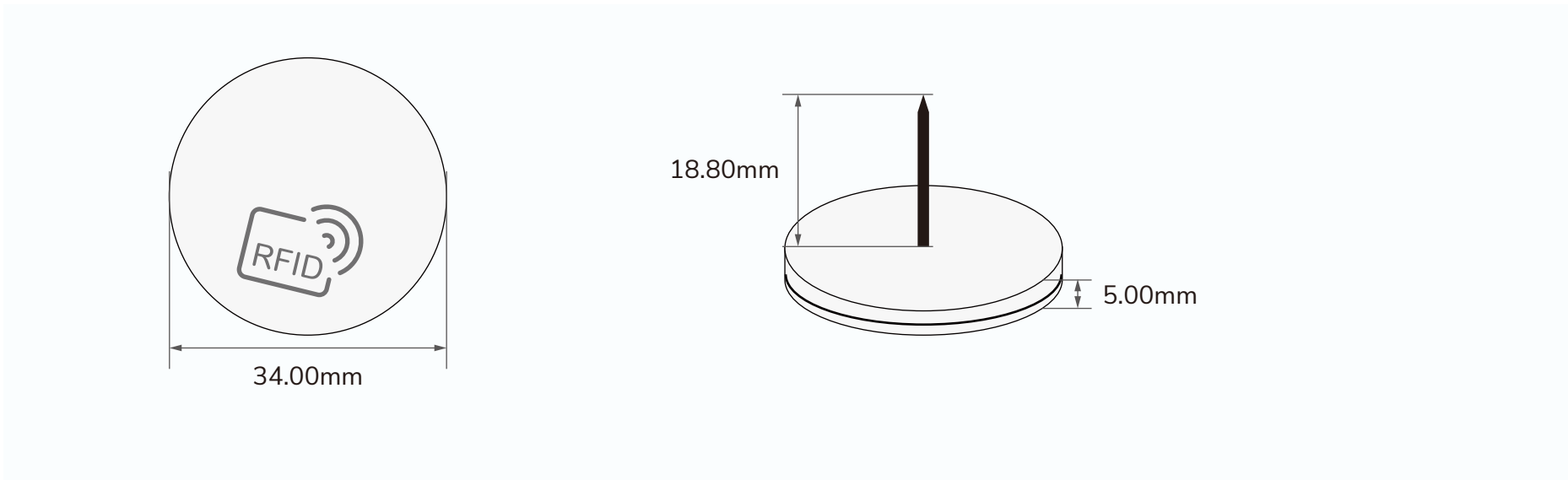
2.3 Chip Characteristics

Chip Manufacturer	Impinj®
Chip Type	Monza®R6-P
EPC Memory	128 bits
User Memory	64 bits
Serialized TID	96 bits
Read Sensitivity	Up to -22.1 dBm
Write Sensitivity	Up to -17.3 dBm
Write Endurance	100,000 times
Data Retention	50 years

2.4 Additional Information

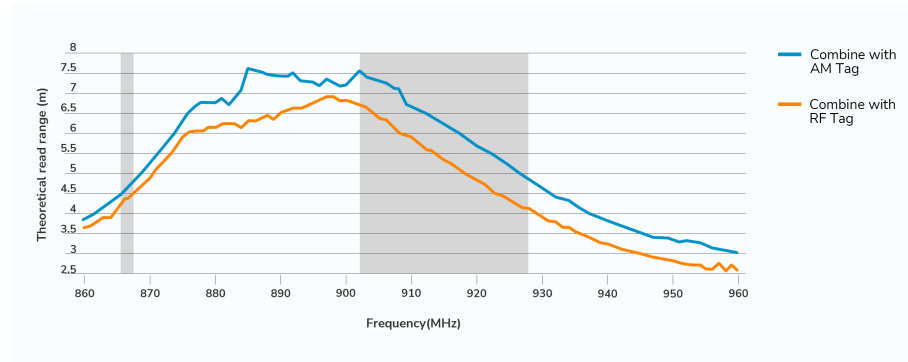
Operating Environment	-40°C~+85°C, 20%~90% RH
Storage Environment	+18°C~28°C, 20%~90% RH
Application	Clothes security anti-theft, Apparel logistic tracking, Apparel retail management, Clothes inventory management, Other items security control, etc.

3. Dimensions

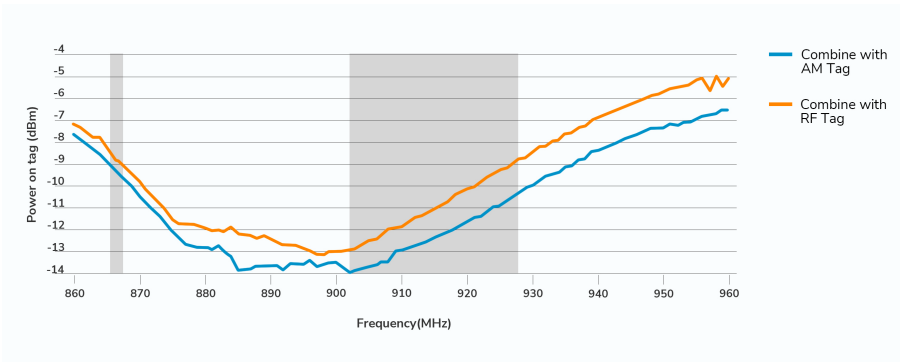


4. Testing Graphs (on clothes with EAS Tag)

4.1 Reading range under different frequency



4.2 Tag power under different frequency



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