

# UHF PCB ANTI-METAL TAG

## - Product Specifications -



- **Model:** RS-PT1504
- **Material:** FR-4 (PCB)
- **Frequency:** (US) 902-928MHz
- **Size:** 15x4mm, (Hole: D2.0mm\*2)
- **Chip:** Alien Higgs-3
- **Protocol:** EPC Class1 Gen2, ISO18000-6C
- **Reading Range:** UP to 2.1m (based on reader/writer and installation method)
- **Read/Write Times:** ≥100,000 times
- **Operating Temperature:** -40°C~100°C
- **Certifications:** Reach Approved, RoHS Approved, CE Approved

## Product Description

RS-PT1504 is a UHF RFID tag for IT asset tracking, with exceptional performance on metal surfaces. It withstands vibration, shock, chemical exposure, and temperature fluctuations. Measuring 15×4×2mm, it offers a read range of 2.2 meters when mounted on metal. Widely used for tracking computers, copiers, projectors, security cameras, servers, switches, routers, data center racks, etc..

## Technical Parameters

Physical Characteristics	
Material	FR-4 (PCB)
Size	15x4mm, (Hole: D2mm*2)
Thickness	2.0mm without IC bump, 2.0mm with IC bump
Color	Black (Red, Blue, Green, White)
Storage Temperature	-40~+150°C (-40~302°F)
Operation Temperature	-40~+100°C (-40~212°F)
Electrical Characteristics	
Frequency	(US) 902-928MHz
Chip Type	Alien Higgs-3
Memory	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Read/Write Times	≥100,000 times
Data Storage	10 years
Reading Distance	Up to 2.1 m (depending on the tool and the depth of insertion into the slot; based on the example of being embedded in a metal surface with no metal obstruction)
*The final read range depends on RFID Reading equipment and application environment.	

## ★ Key Features

- Sturdy and durable;
- Compact size & metal-resistant;
- High-temperature resistant;
- Corrosion-resistant;
- Adhesive or Screw-Mounted;
- IP68 Waterproof.

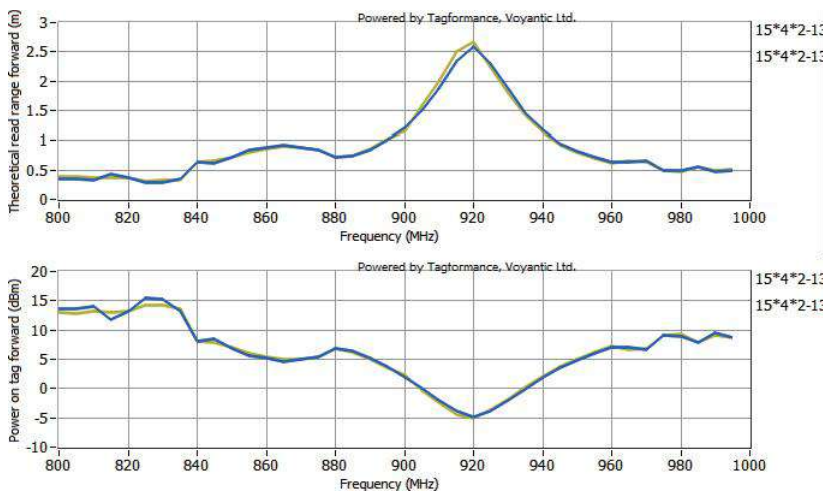
## 📦 Application

For IT Asset Management, Small Metal Equipment Management, etc..



## 📦 Performance

Frequency: (US) 902-928MHz



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