

## Hard Tag MC463306-Plastic



### Durable On-Metal RFID Tag for Industrial Applications

The MC463306-Plastic is a robust UHF RFID hard tag optimized for on-metal applications. With Alien H3 chip technology, it supports reliable long-range reads of up to 10 meters, ensuring efficient asset tracking in demanding environments. The tag features an IP68-rated plastic housing for superior resistance against water, dust, and harsh conditions.

Designed for versatility, it supports both adhesive and screw installation methods, making it ideal for container tracking, warehouse management, logistics, and industrial equipment monitoring.

### Overview

#### Frequency Band

UHF 920 - 923 Mhz (ID)

#### Chip

Alien H3

#### Material

Plastic housing

#### Chip

Alien H3

#### Tag Dimension

46 x 33.8 x 6 mm

#### Ingress Protection

IP68

#### Industry

Retail Supply Chain  
Container Tracking  
Warehouse & Logistics  
Equipment Lifecycle Management

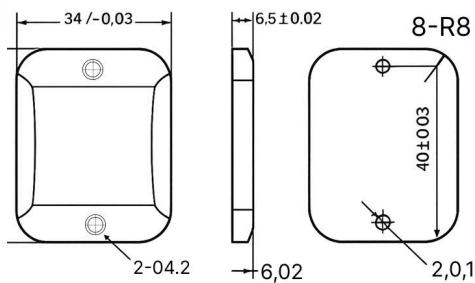
#### Application

On-metal Asset Tracking  
Container & Pallet Management  
Logistics and Supply Chain Visibility  
Tool and Equipment Monitoring

## Technical Features

Chip	Alien H3
RFID Protocol	EPC Gen2 (v1.2.0), ISO/IEC 18000-6C
Frequency Band	UHF 920 - 923 Mhz (ID)
Memory	96-bit EPC, 512-bit User Memory, 64-bit TID
Read range	Up to 10 m (on metal, 4W EIRP)
Memory (Data Storage)	902-928 MHz (US); 866-868 MHz (EU)
Read/Write Endurance	100,000 cycles
IP Rate	IP68
Data Retention	10 years
Installation Method	Adhesive, Screws, or Double-sided adhesive fixation
Encasing Material	Plastic
Label Sensitivity	-20 dBm reading
Operating Temperature	-40°C to +85°C
Application Temp.	-40°C to +250°C
Storage Temperature	-45°C to +220°C, 10%-95% RH
Operating Mode	Passive

## Product Overview



### Contact Information

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