

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 × 33.8 × 6 mm

Ingress Protection

IP68

Industry

Retail Supply Chain
Container Tracking
Warehouse & Logistics
Equipment Lifecycle
Management

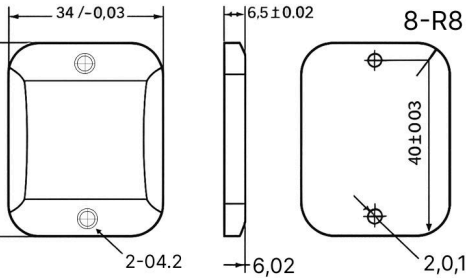
Application

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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