



Impinj® Monza® R6-P UHF RFID On-Metal Tag

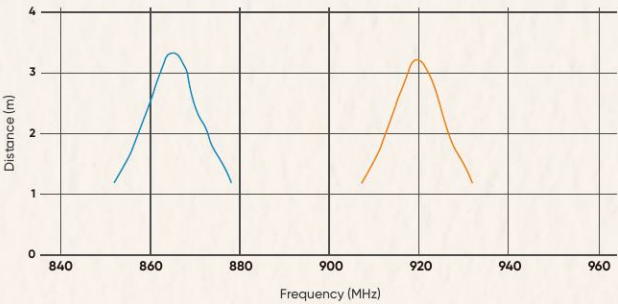
SKU:	RS-R6P-OMMIX-1309
Chip Type:	Impinj® Monza® R6-P
Frequency:	UHF 865-868MHz (EU), 902-928MHz (US)
User Memory:	64 bits
EPC Memory:	128 bits
TID Memory:	96 bits
IP Rating:	IP68
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Industry:	Automotive, Logistics, Warehouse, Construction
Applications:	Mold Management, Automotive Painting

The 13.5×9×6 mm UHF RFID On-Metal Tag is a compact industrial RFID solution designed for reliable asset tracking in harsh environments. Made with durable ceramic material and powered by the Impinj® Monza® R6-P chip, it delivers stable performance on metal surfaces while resisting water, and industrial contaminants. It is ideal for tracking tools, molds, industrial equipment, and automotive components in warehouse management and industrial automation applications.

When integrated with the Asset Tracking System, it enables real-time asset visibility, automated workflow tracking, and improved operational efficiency across industrial manufacturing and asset management operations.

Reading Performance

— EU
— US



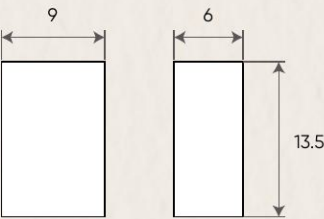
Physical Information

Material	Ceramic
Surface Material	High-Quality Plastic
Tag Size	13.5×9×6 mm
Operating Environment	-30°C~+85°C
Thermal Endurance (Non-operating)	-30°C~+250°C
Mounting Methods	Adhesive, Epoxy Resin
Surface	Metal

Technical Information

Operating Frequency	865-868MHz (EU), 902-928MHz (US)
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
Read Range	Up to 2.8 m, on metal
TID Memory	96 bits
User Memory	64 bits
EPC Memory	128 bits
Operating Mode	Passive
Chip Type	Impinj® Monza® R6-P
Certificate	CE, RoHS, ATEX/IECEx
Read Sensitivity	Up to -22 dBm
Write Sensitivity	Up to -17 dBm
Security Features	32 bits Kill & Access Password

Tag Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment. ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage. ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice. ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications. ● **Legal Notice:** Information is believed accurate but may change. rfidbridge.com is not liable for use-related issues or outcomes.