



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

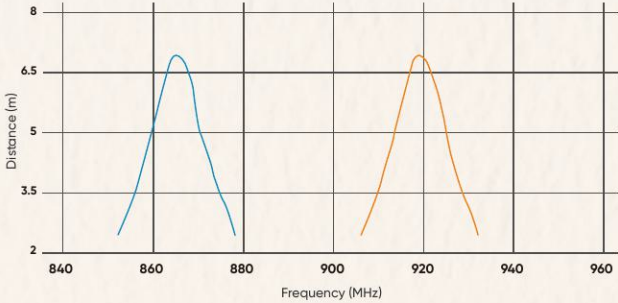
SKU:	RS-R6P-OMMIX-3813
Chip Type:	Impinj® Monza® R6-P
Frequency:	UHF 865-868MHz (EU), 902-928MHz (US)
User Memory:	64 bits
EPC Memory:	128 bits
TID Memory:	96 bits
IP Rating:	IP68
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Industry:	Automotive, Logistics, Warehouse, Construction
Applications:	Mold Management, Automotive Painting

The 38×13×7 mm UHF RFID On-Metal Tag is purpose-built for asset tracking in harsh industrial settings where metal and moisture temperatures challenge conventional tags. Its IP68-sealed construction resists water, dust, and contaminants, while the anti-metal design ensures stable readability directly on metal assets. Powered by the Impinj® Monza® R6-P chip, it delivers consistent, long-term identification for equipment, tools, and critical industrial assets in extreme environments.

When paired with the Asset Tracking System, it enables real-time asset visibility, automated check-in/check-out records, and location tracking without manual logs. Bulk RFID scanning and zone-based monitoring help streamline workflows, reduce asset loss, and improve operational efficiency across industrial and enterprise environments.

Reading Performance

EU
US



Physical Information

Material	Ceramic
Surface Material	High-Quality Plastic
Tag Size	38×13×7 mm
Operating Environment	-30°C~+85°C
Thermal Endurance (Non-operating)	-30°C~+300°C
Mounting Methods	Rivet, Adhesive, Epoxy Resin
Surface	Metal

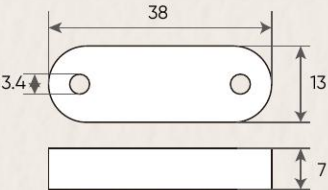
Technical Information

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

Packaging Information

Packing Format	Packed in box
Packing Quantity	1,000 pcs/box, G.W.: 8.4 kg
Carton Size	31×24×22 cm

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](https://www.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](https://www.rfidbridge.com) is not liable for use-related issues or outcomes.