



Heat Resistant NXP® UCODE® 8 UHF RFID PEEK On-Metal Tag



SKU:	RS-U8-PEEK-4015
Chip Type:	NXP® UCODE® 8
Frequency:	UHF 865-868 MHz(EU), UHF 902-928 MHz(US)
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
IP Rating:	IP68
Industry:	Automotive, aviation, industrial applications, logistics
Applications:	Asset tracking, electronics, inventory, metal, vehicle tracking, warehouse

The Heat Resistant NXP® UCODE® 8 UHF RFID PEEK On-Metal Tag operates in the UHF 865–868 MHz (EU) and 902–928 MHz (US) bands, supporting ISO/IEC 18000–63 and EPCglobal Gen2v2 protocols. Equipped with a 128-bit EPC memory and the advanced NXP® UCODE® 8 chip, it ensures fast, secure, and reliable identification for industrial applications.

Made from high-temperature-resistant PEEK material, the tag withstands heat up to +150 °C and features an IP68 rating for dust and water resistance. Its screw-mount design provides stable attachment on metal surfaces, making it ideal for asset tracking in harsh environments.

Physical Information	Material	PEEK
	Size	40×15×10 mm(Hole: Ø2.5 mm×2)
	Color	Black
	Weight	6 g
	IP Rating	IP68
	High-Temperature Resistant	+150 °C
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Screw
	Surface	Metal

Technical Information	Operating Frequency	865-868 MHz(EU), 902-928 MHz(US)
	Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	NXP® UCODE® 8
	EPC Memory	128 bits
	Read Range(Fix Reader)	6 m on metal 1.7 m off metal
	Read Range(Handheld Reader)	3 m on metal 1.2 m off metal
	Security Features	96 bits Tag Identifier(TID) factory locked 48 bits unique serial number factory-encoded into TID 32 bits kill password to permanently disable the tag 32 bits access password

● **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.
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