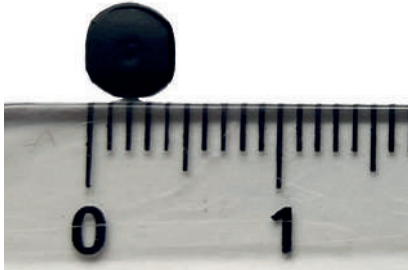


## Ro'Tag D5 UHF

This miniature UHF tag is used for harsh environmental conditions and designed for mounting on metal surface.



### Key features

- Round tag, diameter 5mm
- FR4 packaging
- Metal compatible

### Applications

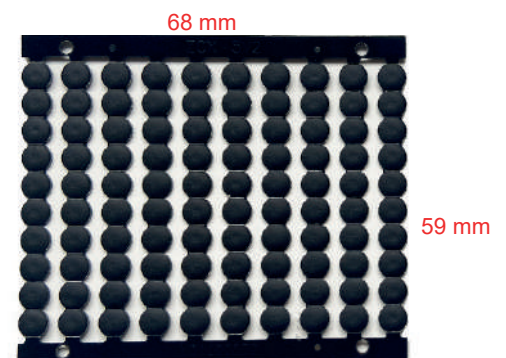
Small item tagging, tool management solutions, aircraft and automotive part tagging...

### Functional specifications

Type	UHF
Frequency	867MHz or 915MHz $\pm$ 13MHz (Contact reading)
Air interface protocol	EPC Global Class1Gen2; ISO 18000-6C
IC Type	Ucode 8
Memory	EPC: 128 bits, TID: 96bits, user memory: 0bits
Data retention	20 years
Functionalities	Read/write
Write cycles	100,000 cycles

### Physical specifications

Dimensions	Diameter 5mm, thickness COB(include resin)1.0mm $\pm$ 0.02mm; FR4 material:0.45mm $\pm$ 0.02mm
Material	FR4+black resin protection
Metal compatible	Yes
Fixing method	Glue
Packing	Packed by sheet, 100pcs/



Front side



Back side



Packaging

### Environmental and industry compliance

Temperature	-15°C to +75°C
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### Item code

RTD5UHF1779EU	Ro'Tag D5 UHF, Ucode8, noir, EU
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V2.2  
Non-contractual datasheet