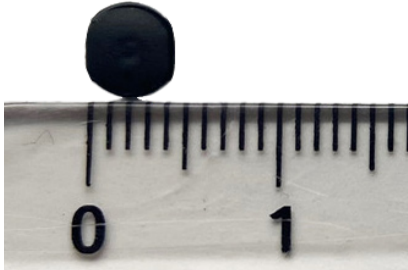


## Ro'Tag XXS D5 UHF

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	915MHz+/-13MHz
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+/-0.02mm; FR4 material:0.45mm+/-0.02mm
Material	FR4+black resin protection
Metal compatible	Yes
Fixing method	Glue
Packing	Packed by sheet, 100pcs/sheet(10rows*10pcs/row)

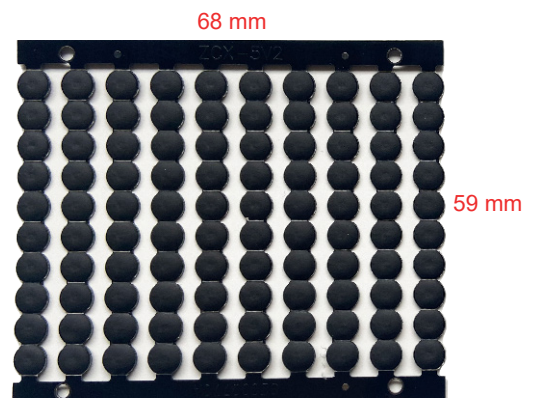
Front side



Back side



Pack



### Environmental and industry compliance

Temperature	-15°C to +75°C
-------------	----------------

V2.1

Non-contractual datasheet