



**SCIVAS LIMITED**

**YOUR VISION, OUR FREQUENCY**

**RFID Tags & Smart Cards, Precision-Engineered for Global Markets.**

WEBSITE: [www.scivas.com](http://www.scivas.com)

TEL: +86-20-87097510

## Product Model: PC48-1

UHF Metal Tag



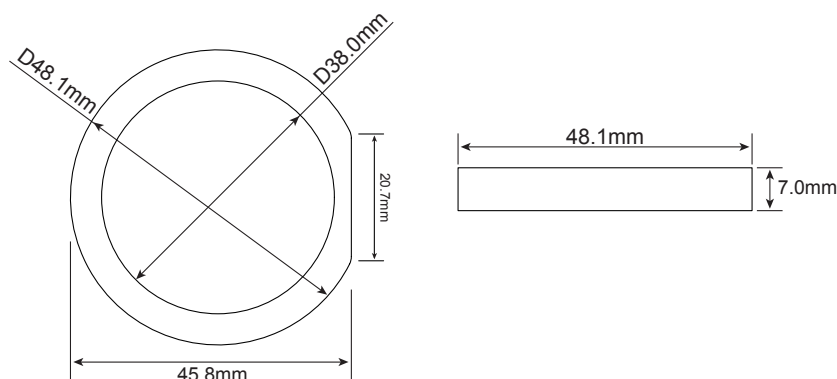
### Functional Specifications:

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| RFID Protocol:                    | EPC Class1 Gen2, ISO18000-6C            |
| Frequency:                        | (US) 902-928MHz                         |
| IC type:                          | NXP UCODE 8                             |
| Memory:                           | EPC 128 bits , USER 0 bits, TID 96 bits |
| Write Cycles:                     | 100,000 times                           |
| Functionality:                    | Read/write                              |
| Data Retention:                   | Up to 50 Years                          |
| Applicable Surface:               | Metal Surfaces                          |
| Read Range :<br>(Fix Reader)      | Up to 3.8m, (US) 902-928MHz, on metal   |
| Read Range :<br>(Handheld Reader) | Up to 2.3m, (US) 902-928MHz, on metal   |
| Warranty:                         | 1 Year                                  |

### Physical Specification:

|                   |            |
|-------------------|------------|
| Size:             | D48.0mm    |
| Thickness:        | 7.0mm      |
| Material:         | PC         |
| Colour:           | Black      |
| Mounting Methods: | Topping-on |
| Weight:           | 4.5g       |

### Dimensions:





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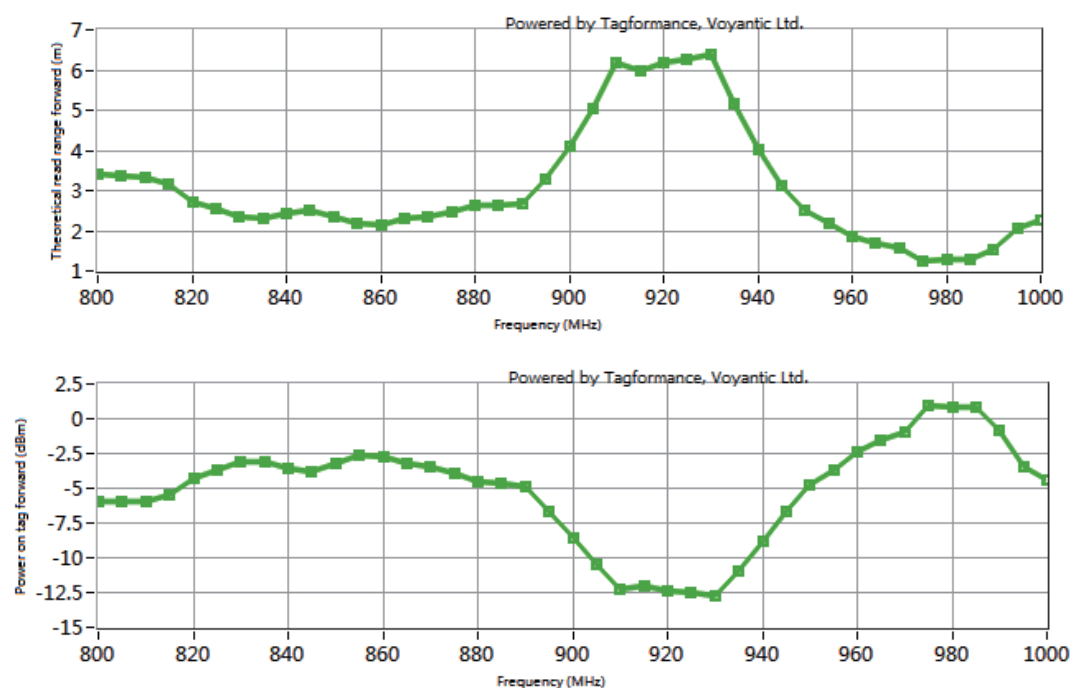
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US:



### Environmental Specification:

IP Rating: IP68

Storage Temperature: -40°C to +85°C

Operation Temperature: -25°C to +85°C

Certifications: Reach Approved, RoHS Approved, CE Approved

### Order information:

PC48-1: (US) 902-928MHz