

## UHF Metal Tag **Everest Series:**

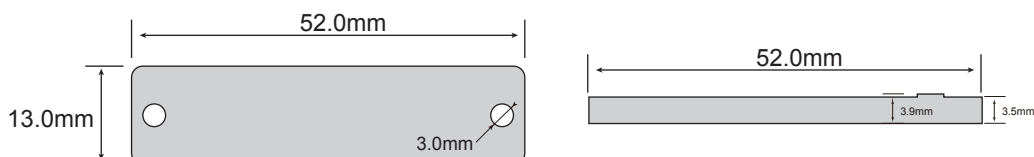


### Functional Specifications:

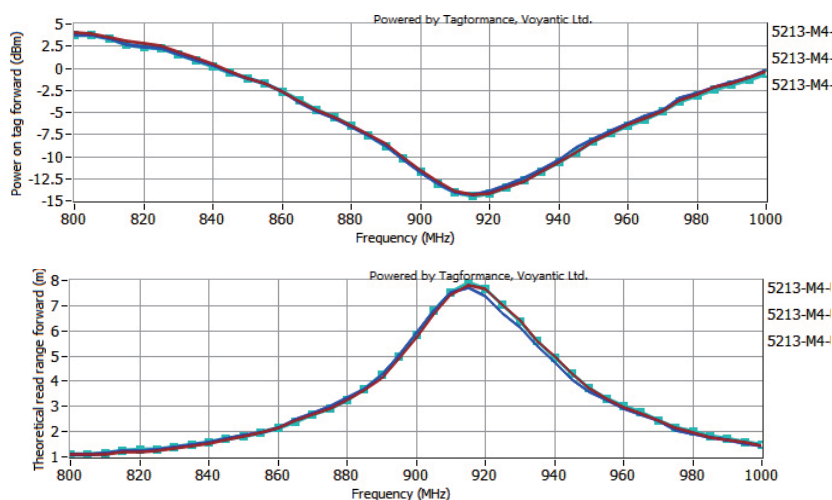
|                                            |                                       |
|--------------------------------------------|---------------------------------------|
| RFID Protocol:                             | EPC Class1 Gen2, ISO18000-6C          |
| Frequency:                                 | (US) 902-928MHz, (EU) 865-868MHz      |
| IC type:                                   | Impinj Monza 4QT                      |
| Memory:                                    | EPC 128bits , USER 512bits, TID64bits |
| Write Cycles:                              | 100,000times                          |
| Functionality:                             | Read/write                            |
| Data Retention:                            | Up to 50 Years                        |
| Applicable Surface:                        | Metal Surfaces                        |
| Read Range :                               | 8.0M - (US) 902-928MHz, on metal      |
| (Fix Reader:ThingMagic FU-M6-E, 36dBm/4W)  | 8.2M - (EU) 865-868MHz, on metal      |
| Read Range :                               | 4.9M - (US) 902-928MHz, on metal      |
| (Handheld Reader: OP9908, R2000, 33dBm/2W) | 5.1M - (EU) 865-868MHz, on metal      |
| Warranty:                                  | 1 Year                                |

### Physical Specification:

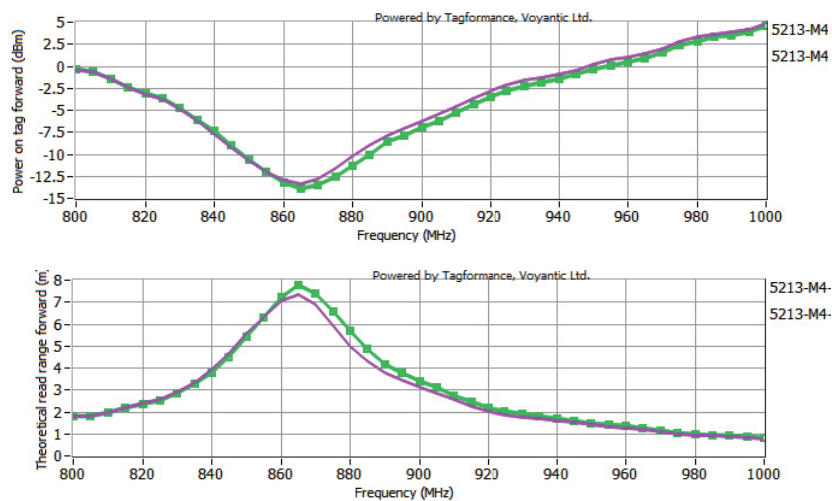
|                   |                                 |
|-------------------|---------------------------------|
| Size:             | 52x13mm, (Hole: D3mm)           |
| Thickness:        | 3.5mm                           |
| Material:         | FR4 (PCB)                       |
| Colour:           | Black (Red, Blue, Green, White) |
| Mounting Methods: | Adhesive, Screw                 |
| Weight:           | 5.5g                            |



### OPP5213U2:



### OPP5213E1:



### Environmental Specification:

|                        |                                            |
|------------------------|--------------------------------------------|
| IP Rating:             | IP68                                       |
| Storage Temperature:   | -40°C to +150°C                            |
| Operation Temperature: | -40°C to +100°C                            |
| Certifications:        | Reach Approved, RoHS Approved, CE Approved |

### Order information:

|           |                  |
|-----------|------------------|
| OPP5213U2 | (US) 902-928MHz, |
| OPP5213E1 | (EU) 865-868MHz  |