

UHF Metal Tag **Dolphin Series:**

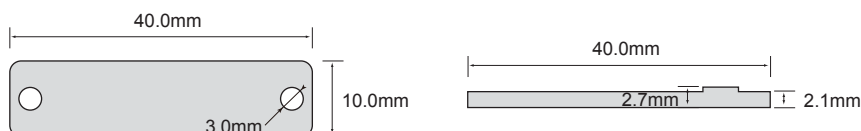


Functional Specifications:

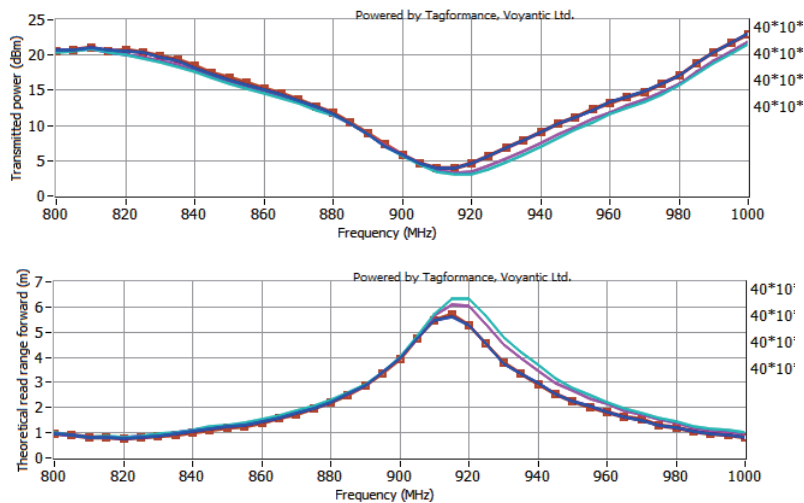
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|---------------------|---|
| RFID Protocol: | EPC Class1 Gen2, ISO18000-6C |
| Frequency: | (US) 902-928MHz, (EU) 865-868MHz |
| IC type: | Alien Higgs-3 |
| Memory: | EPC 96bits (Up to 480bits) , USER 512bits, TID64bits |
| Write Cycles: | 100,000times |
| Functionality: | Read/write |
| Data Retention: | Up to 50 Years |
| Applicable Surface: | Metal Surfaces |
| Read Range : | 450cm - (US) 902-928MHz, on metal (Fix Reader:ThingMagic FU-M6-E, 30dBm) 420cm - (EU) 865-868MHz, on metal |
| Read Range : | 300cm - (US) 902-928MHz, on metal (Handheld Reader: OP9908, R2000, 30dBm) 280cm - (EU) 865-868MHz, on metal |
| Warranty: | 1 Year |

Physical Specification:

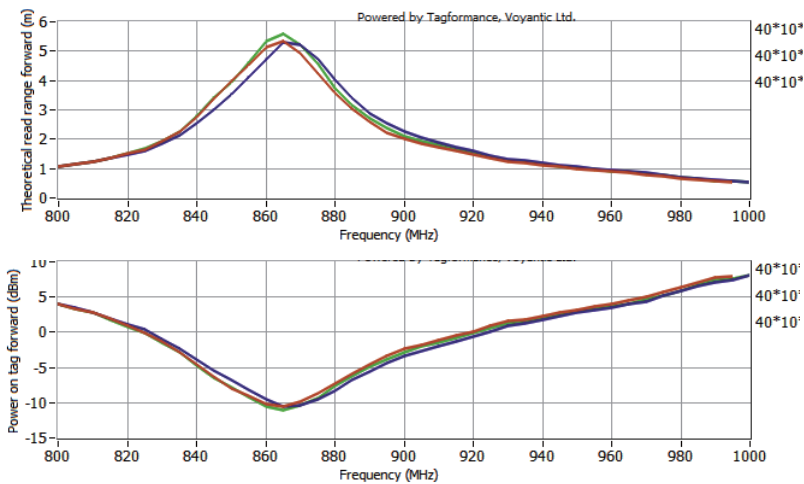
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|-------------------|---|
| Size: | 40x10mm, (Hole: D3mmx2) |
| Thickness: | 2.1mm without IC bump, 2.7mm with IC bump |
| Material: | FR4 (PCB) |
| Colour: | Black (Red, Blue, Green, White) |
| Mounting Methods: | Adhesive, Screw |
| Weight: | 2.0g |



OPP4010U1:



OPP4010E2:



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:

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|-----------|------------------|
| OPP4010U1 | (US) 902-928MHz, |
| OPP4010E2 | (EU) 865-868MHz |