

UHF Metal Tag **Everest Series:**



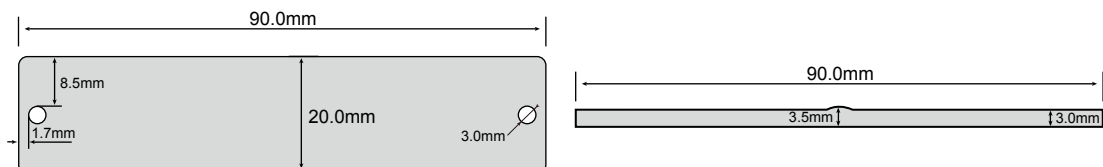
Functional Specifications:

| | |
|-----------------------------------|--|
| 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 : (Fix Reader) | Up to 10.8M - (US) 902-928MHz, on metal Up to 10.5M - (EU) 865-868MHz, on metal |
| Read Range : (Handheld Reader) | Up to 6.5M - (US) 902-928MHz, on metal Up to 6.3M - (EU) 865-868MHz, on metal |
| Warranty: | 1 Year |

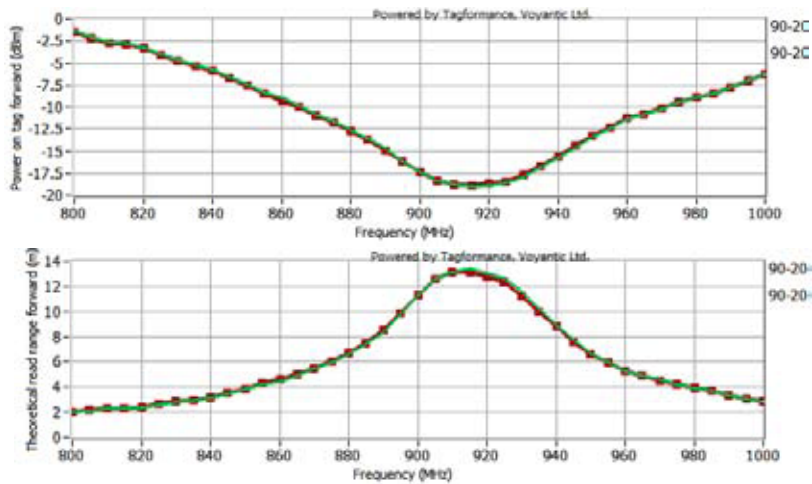
Physical Specification:

| | |
|-------------------|---|
| Size: | 90x20mm, (Hole: D3mm) |
| Thickness: | 3.0mm without IC bump, 3.7mm with IC bump |
| Material: | FR4 (PCB) |
| Colour: | Black (Red, Blue, Green, White) |
| Mounting Methods: | Adhesive, Screw |
| Weight: | 12.0g |

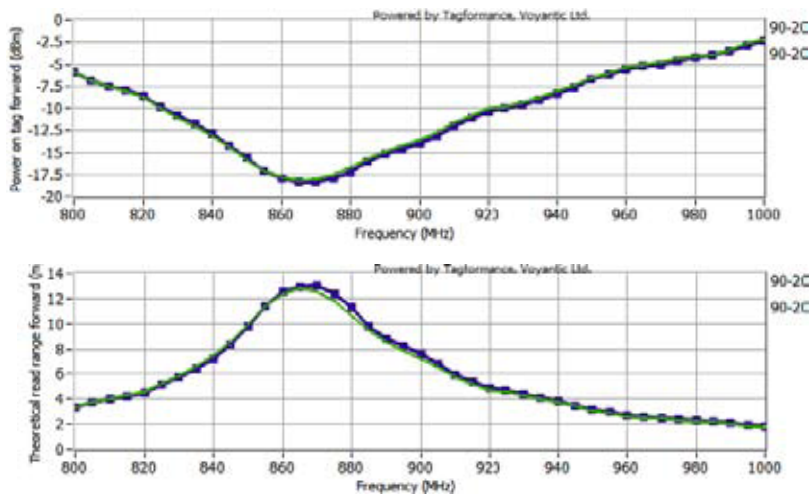
Dimensions:



PCB9020U3:



PCB9020E2:



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:

| | |
|-----------|------------------|
| PCB9020U3 | (US) 902-928MHz, |
| PCB9020E2 | (EU) 865-868MHz |