

260°C High Temperature RFID tags

JD6000



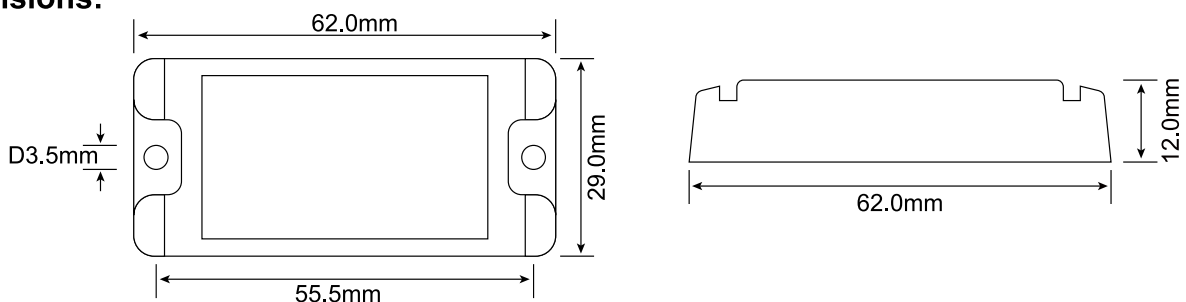
Functional Specifications:

| | |
|-----------------------------------|--|
| 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: | 100,000 times |
| Functionality: | Read/write |
| Data Retention: | 50 Years |
| Applicable Surface: | Metal Surfaces |
| Read Range : (Fix Reader) | 13m, US(902-928MHZ) 12m, EU(865-868MHZ) |
| Read Range : (Handheld Reader) | 7.5m, US(902-928MHZ) 7.0m, EU(865-868MHZ) |
| Warranty: | 1 Year |

Physical Specification:

| | |
|-------------------|-----------------------------------|
| Size: | 62x29mm, Hole: D3.5mmx2 |
| Thickness: | 12mm |
| Material: | PEEK |
| Colour: | Black |
| Mounting Methods: | Screw - Socket head cap screw(M3) |
| Weight: | 15g |

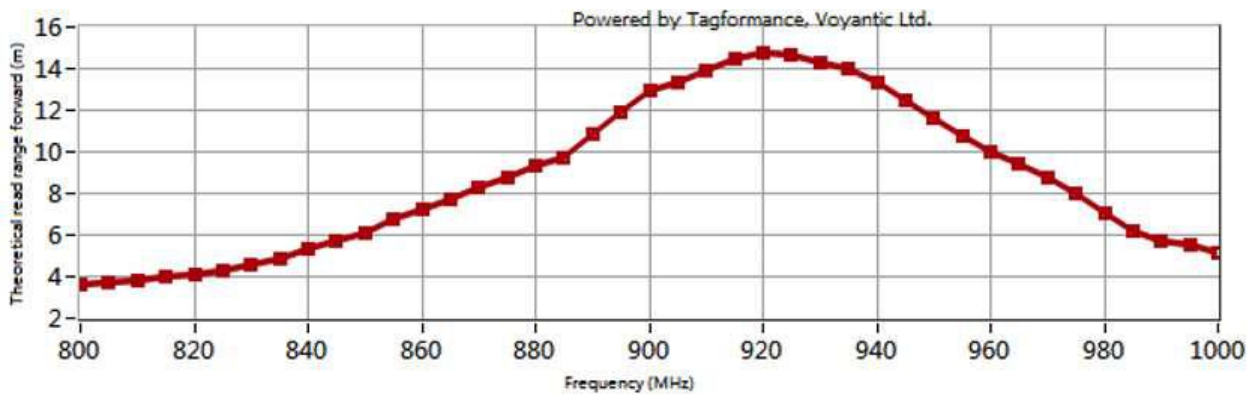
Dimensions:



Environmental Specification:

| | |
|--|--|
| IP Rating: | IP67 |
| Storage Temperature: | -60°C to +260°C,+300°C100 hours |
| Operation Temperature: | -40°C to +150°C |
| Reliability testing terms and results: | <ul style="list-style-type: none"> a. Withstand 300°C for 100 hours continuously without damage. b. Withstand 280°C for 1000 hours continuously without damage. c. Withstand 260°C for 2000 hours continuously without damage. d. Withstand -20°C for 8 hours, then 260°C for 16 hours per day, 80 days continuously without damage. e. Withstand from 150°C to -40°C, 7.5 cycles per day, 80 days continuously with total 600 cycles without damage. |
| Certifications: | Reach Approved, RoHS Approved, CE Approved, ATEX Approved. |

JD6000 U1, Metal Surface(902-928MHZ):



JD6000 E1, Metal Surface(865-868MHZ):

