



LampTag Datasheet



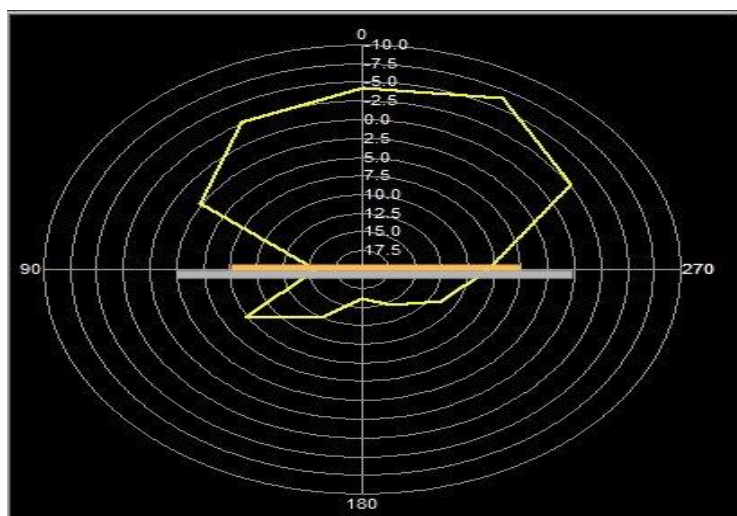
- Passive Ultra High Frequency
- Operating Frequency: 902~928 MHz
- Supported Protocol: ISO 18000-6C Class 1 Gen 2

Tag Inspection

Theoretical read range forward



Horizontal / Vertical-Transmitted Power



Tag Specifications

RF Air Protocol ISO 18000-6C Class 1 Gen 2

Operating Frequency UHF 866-868 MHz (EU)
UHF 902-928 MHz (US)
UHF 920-925 MHz (CN)

Environment Compatibility On Car Lamp

Read Range ON metal (2W ERP)* NA

Read Range OFF metal (2W ERP)* Up 8 to 9.2 m

Polarization Linear

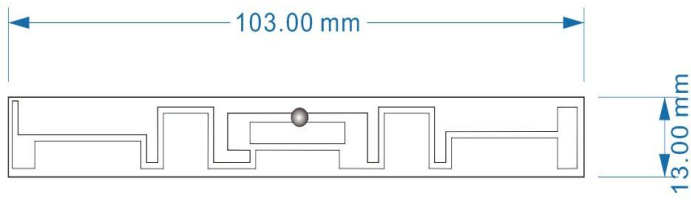
IC Type Alien Higgs 3

Memory Configuration EPC 128 bit
TID 48 bit
User 512 bit

*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.



Tag Inspection



Customization Options

Encoding

Pre-encoding based on customers' specification, including EPC, User memory and other requests

Appearance

Customized appearance design, including color, logo, barcode, text etc.

Dimension

The product dimension can be customized, check with JYI representative for more info.

Mechanical Specifications

Tag Materials

Surface Materials PET + Cu Etched

Dimensions (mm) 103*13*0.27 mm

Dimensions (in)

Attachment 3M adhesive

Color N/A

Environmental Specifications

Operating Temperature -30°C to +100°C
-22°F to +211°F

Ambient Temperature -30°C to +100°C
-22°F to +211°F

IP Classification IP65

Shock and Vibration MIL STD 810-F

Certifications CE approved
RoHS approved

Warranty 1 year

Order Information

Product # 1-001-0030002

Product Name Car Lamp Tag



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