

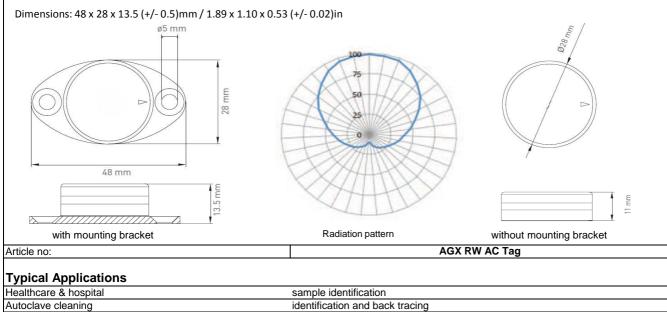
# 

# AGX RW AC Tag (Healthcare Version)

| Product Description                     | AGX RW AC Tag  |
|---|--|
| Electrical Characteristics              |  |
| Operating Frequency                     | UHF 902-928 MHz (US); 866-868 MHz (EU)                                     |
| Chip type                               | Alien Higgs-3  |
| RFID Standards                          | EPCGlobal Class1Gen 2; ISO18000-6C   |
| Read range                              | Depending on read/write performance of the RFID Reader up to 16.4 ft (5 m) |
| Memory configuration                    | 96-bit EPC ; 512-bit user memory; 64-bit TID                               |
| Memory – expected read / write cycles   | 100,000 cycles at 77°F (25°C)  |
| Polarization                            | Linear   |
| Application temperature (MIL STD 810-F) | from -40°F (-40°C) +482°F (+250°C)   |
| Operational temperature (MIL STD 810-F) | from -40°F to +185°F (-40°C to +85°C)                                      |
| Temperature cycling testing             | 6 hours at +250°C, 18 hours cool-down, 30 days test cycle                  |
| Data preservation                       | Up to 50 years *   |
| Packaging Protection Class              | IP69K  |
| Compression strength                    | 1145 psi (7900 kPa)  |
| FDA class                               | Class I  |
| Read rate                               | 400 tags per second for 96-EPC bit number                                  |
| RoHs Compliance                         | YES  |
| Material specifications                 | Stainless steel  |
| Attachement                             | Welding, cable tie, rivet hole ø 0.19 in (ø 5 mm)                          |

## Physical Characteristics

bio/chemistry/forensic/pharmacy/environment



process control, QS & monitoring

| Contact: |
|----------|
|----------|





#### AGX RW AC Tag

AGX RW AC Tag (Healthcare Version)

# Cleaning and Disinfection Process (ANSI/AAMI ST79)

#### Chemical sterilization for decontamination

Liquid chemical sterilants include glutaraldehyde, hydrogen peroxide, hydrogen peroxide-peracetic acid combinations, sodium hypochlorite, and peracetic acid. Pass

#### Thermal (hot water) disinfection

• Washer-sanitizers, washer-decontaminators, utensil washers, and cart washers reduce microbial contamination by means of cleaning agents, hot water, rinsing, and drying. Pass

• Pasteurization equipment provides cleaning and high-level disinfection at water temperatures of 65°C to 77°C (150°F to 170°F) for a contact time of at least 30 minutes. Pass

• Washer-disinfectors provide a cycle of cleaning, rinsing, disinfection, and drying at temperatures that are usually higher than those of washer-sanitizers. Pass

#### Thermal sterilization for decontamination

Saturated steam can be used to decontaminate devices capable of withstanding high temperatures (121°C to 135°C [250°F to 275°F]) and pressures (16 to 35 psig). Washer-sterilizers provide cleaning and rinsing followed by exposure to saturated steam at temperatures of 121°C to 135°C (250°F to 275°F). Pass

#### Ultrasonic cleaner

3 KHz for 30 min Pass

Dry heat sterilization 160°C for 2h, or 170°C for 1h, or 180°C for 30min Pass

Disinfection by light C wave ultraviolet and wavelength range is from 200nrn to 275nrn Pass

#### Detergent enzyme cleaner Pass

Autoclave sterilization 121°C and 115Kpa for 1000 cycles Pass

### **Typical applications:**

Screwed on (M3):

- Tool basket
- Trolleys
- Cabinets
- Carrying vans
- Washing machines etc.





#### Contact:

sales@agillox.com www.agillox.com