



## XTREME RFID Rivet Jr.

Part #RF024

### Physical Specifications

|                        |   |
|------------------------|---|
| Tag Dimensions         | 86 L x 25 W x 4 H (mm)<br>(3.4 L x 1.0 W x 0.16 H (inches)) |
| Encapsulation          | One piece no welding construction                           |
| Mounting Hole Diameter | 5.3 mm (0.21 inches)  |
| Weight                 | 6 grams (0.013 lbs)   |
| Packaging              | 500 tags per box  |
| Attachment Method      | 2 rivets or screws  |
| Resin                  | Polypropylene, rigid  |

### RF Specifications

|                          |                                      |
|--------------------------|--------------------------------------|
| RF Protocol              | UHF, EPC Class 1 Gen 2, ISO 18000-6C |
| IC Type                  | Alien Higgs 4                        |
| User Memory              | 128 bit                              |
| EPC Memory               | 128 bit                              |
| Operating Frequency      | 860 - 960 MHz (Global)               |
| Read Range (Typical)     | 4.3 Meters (14 Feet)                 |
| Write Distance (Typical) | 2.44 Meters (8 Feet)                 |

### Environmental Specifications

|                         |   |
|-------------------------|---|
| Operational Temperature | -40C to 85C (-40F to 185F)  |
| Application Temperature | -40C to 160C (-40F to 320F)   |
| Mounting Substrates     | Non-metallic surfaces   |
| UV Stabilization        | 10 Years  |
| Chemical Resistance     | Water, Motor Oil, Hydraulic Oil, Dishwashing Detergent, Windex, Gasoline, Isopropyl Alcohol, Mineral Spirits, Acetone, Bleach, 409 Cleaner or Fantastic All Purpose Cleaner, Methyl Ethyl Ketone (MEK), Machine Oil |

### Environmental and Performance Testing\*

|  |   |
|--|---|
| Ingress Protection (IP) Rating                             | IP69K   |
| Thermal Shock I In Accordance with IEC 60068-2-14 Test Nb  | -20C to 85C (-4F to 185F)   |
| Thermal Shock II In Accordance with IEC 60068-2-14 Test Na | -40C to 70C (-40F to 158F)  |
| Steel Ball Impact Test                                     | 1.8 kg ball drop from 1.52 meters 5 times<br>(4 lb ball drop from 5 feet 5 times) |

\* Testing performed in an A2LA Accredited Laboratory

Available in black: Part #RF011



**IF A \$2000 CHAINSAW IS  
LEFT IN THE WOODS,  
DOES ANYONE NOTICE?  
OUR TAGS WILL.**



## **||XTR Rivet Jr.**

Equipment is expensive and you can't do the job without it, so losing it isn't an option. Yet, it happens. That's when the XTR Rivet Jr. comes in handy. Thanks to Xtreme RFID, whatever might be "lost" will *always* be found.

[www.xtremerfid.com](http://www.xtremerfid.com)



**XTREME RFID**  
ready for anything