



**ASSET**  
**A12345**

- *The API is the first in a line of economical RFID tags that offers multisurface use in a thin package.*
- *The API is intended for use in indoor environments on a diverse range of assets, as the read performance is balanced for both metal and non-metal surfaces.*

### ADVANTAGES

- *Typical Read distance of 15' on plastic, metal, embedded plastic or metal surfaces*
- *Low profile with dimensions of 2.76" x 0.68" x 0.072" (70 x 17 x 1.8 mm)*
- *96-bit EPC memory and 512-bit user memory*
- *Economical for less demanding, indoor environments*
- *High performance, acrylic adhesive*

### Common Applications:

*IT Assets*  
*Laptops*  
*Office Assets*

### Physical Specifications

Tag Dimensions	2.76 L x 0.68 W x 0.072 H (inches) 70 L x 17 W x 1.8 H (mm)
Weight	2 grams
Attachment Method	3M® Acrylic adhesive suitable for multi-surfaces

### RF Specifications

IC Type	Alien Technology Higgs3
User Memory	512 bit
EPC Memory	96 bit
Operating Frequency	902 - 928 MHz (US Band)
Read Range (Typical)	15 Feet at 36 dBm ERP

### Environmental Specifications

Ingress Protection (IP) Classification	IP68
Operational Temperature	-50°C to 85°C (-58°F to 185°F)
Application Temperature	-40°C to 93.3°C (-40°F to 200°F)
Mounting Substrates	Indoor; Plastic or metal surfaces

