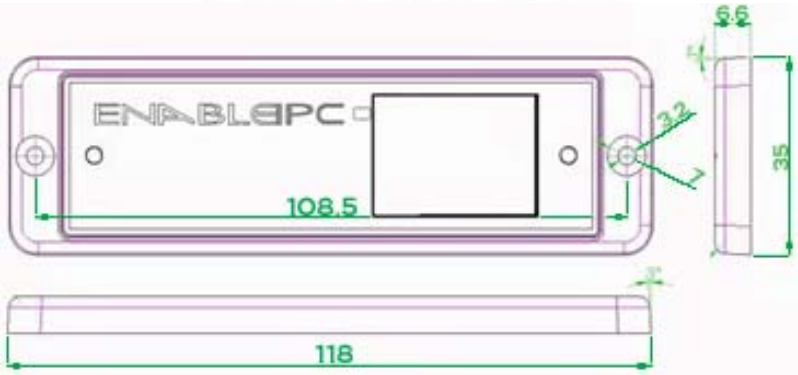




# S/Cap RFID Tags®

ENABLE IPC



## Multiple mounting options:

- On wood
- On plastic
- On cardboard
- Using screws
- Using adhesives
- Using tape

[Can be used on metal with substantially diminished read range]

## OPERATIONAL / ENVIRONMENTAL CHARACTERISTICS

Operating temperature -40°C to +70°C

Operational humidity 0% to 85% RH

Storage temperature: -40°C to +85°C

Oil / chemical resistance to the following:

- Sulfuric acid (up to 90% concentration)
- Jet fuel JP-4
- Diesel oil
- Refined oil
- Machine oil
- Most motor oils
- Cylinder oil
- Sea water
- Most inks
- Many adhesives

Contact us for additional information

Vibration: IEC 60068-2-6

Shock: IEC 60068-2-31

Water resistance: IP-67

## POWER SOURCE

The tag uses no batteries.

The tag uses an ultracapacitor with virtually unlimited cycle life coupled with a state-of-the-art, high-efficiency solar panel. The ultracapacitor has a virtually unlimited cycle life.

In lighted conditions, solar panel maintains high read range; in extreme low light and total darkness, ultracapacitor typically maintains read range for up to 48 hours; note that the tag will continue to operate normally after ultracapacitor is completely drained, in complete darkness, but with diminished read range.

The solar tag continuously charges the capacitor. It takes approximately two minutes to fully charge the capacitor on a sunny day or when using direct light from a halogen or sodium lamp. In diminished lighting it will take longer to fully charge the capacitor. On a completely charged capacitor, the tag will continue to operate in complete darkness with full read range for up to 48 hours. After the capacitor is completely drained, the tag will continue to operate, but with diminished read range.

Contact the company for further information.

### **LIMITED WARRANTY**

Enable IPC offers the best asset tag warranty in the business:  
**7 years** from date of purchase.

See complete warranty for details