

RFID Personnel Tag Data Sheet



Personnel Tag Info

Electrical Power

- A 3 Volt Lithium coin cell with 1 Amp nominal specified capacity
- Average current consumption in use typically 58µA
- Current consumption not in use is typically less than 0.25µA

RF Specifications- 868.95MHz, 867.90MHz, 915.15MHz

- Transmission Range up to 100 metres
- Low ageing frequency reference, <1ppm per annum
- Modulation, Manchester coded FSK at +/- 40kHz deviation
- Manchester data rate 20.945kbps
- 6 bit CRC for extremely highly data integrity
- Badge/Tag transmits at 1.2 second intervals
- RF output typically -26dBm (2.5 Micron Watts) e.i.r.p
- Spurious radiation below 1GHz less than 4nW
- Spurious radiation above 1GHz less than 1µW

*with supplied patch antenna, and tag receiver set to full range
#alternative frequencies available

Environmental

- Operational temperature -60 °C to +85 °C
- Storage temperature -10°C to +70°C
- Humidity 5% to 99% (non-condensing)

Dimensions

- L89mm x W63mm x D8mm
- Weight: 42 Grams

