12.4 mm Round RFID Tag

SKU 28445

12.4 mm Round RFID Tag Overview:

This 12.4mm Round RFID Tag is one of the smallest form factors we carry, designed specifically for harsh environments. It can be read with the RFID Card Reader – Serial and the RFID Read/Write Module – Serial (#28440). Each tag has a unique 10-digit ID, so multiple tags can be used in a single project and may be purchased from Parallax in any quantity. This tag may be used for identification, access control to spaces and equipment, and for triggering other events in an automated system. This is a read-only tag.

Key Features:

- PPS and Epoxy material for high mechanical and chemical resistance

- Belongs to the EM4100 family of passive tags

- 125 kHz activating frequency

- Readable from within 2 inches of the RFID reader module

- Tags are supplied blank; suitable for customer to add own logo or markings

- This tag can NOT be written to with the RFID Read/Write Modules (Serial, #28440 & USB, #28540).

Application Ideas:

- Batch process tracking

- Anti-counterfeiting

- Asset Tracking

12.4 mm Round RFID Tag Specifications:

- Unique – 64 bit read only ID

- Operating Frequency: 125 kHz +/- 6 kHz

- Communication: EM4100 Protocol

- Tag marking: Blank and smooth on both sides, no markings

- Dimensions: 0.07 x 0.49 in (2 x 12.4 mm)

- Operating temp range: -13 to +185 °F (-25 to +85 °C)