UHF RFID · 860–960 MHZ · ON-METAL PCB TAG

IDTS-P0905-16

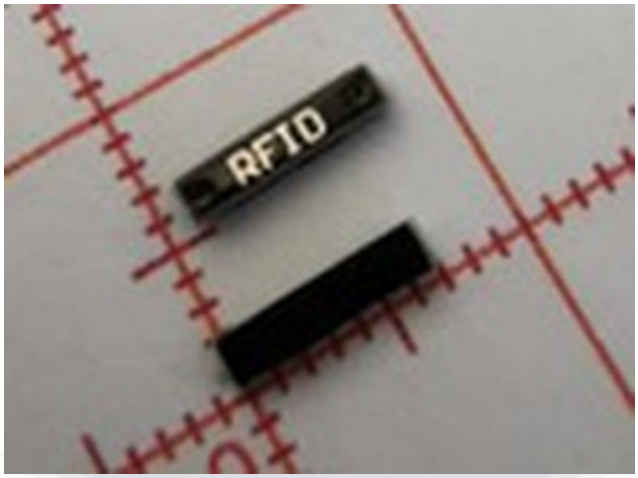
A flat 9 × 5 × 1.6 mm UHF PCB tag with an R6P chip for small metal devices and tools.

R6P chip | EPC Gen2 | On-metal PCB | 9 × 5 × 1.6 mm | Up to 30 cm

Register the device in front of you.

The **Identium IDTS-P0905-16** is a UHF on-metal PCB tag with a 9 × 5 mm face and a 1.6 mm profile. Its R6P chip works to EPC Class 1 Gen2 / ISO 18000-6C across 860–960 MHz, and it reads at up to 30 cm when mounted on metal.

Bond it to a flat area on a meter, a handheld instrument, a power tool or a metal laptop base: it barely changes the item's outline. The reader is brought to the item, so an IT store counter registers the device in front of it.



30 cm	9 × 5	1.6 mm	R6P	860–960
Read range, up to	Face size, mm	Thickness	Chip	MHz, covers 865–868

WHAT IT DOES

Read, bond and register

READ
R6P chip, on metal

- EPC Class 1 Gen2 / 18000-6C
- Covers India's 865–868 MHz band
- Up to 30 cm, close range
- Write your own asset number

BOND
9 × 5 × 1.6 mm PCB

- Industrial adhesive or epoxy
- A flat area of 9 × 5 mm
- Or a shallow recess
- Low profile on the item

REGISTER
Desk-side reading

- IT store counters
- Lab issue desks
- Handheld or desktop reader
- Asset number printed beside

WHERE IT WORKS

Where the tag goes

IT devices
IT and electronic devices

Lab instruments
Test and lab instruments

Hand tools
Metal-bodied hand tools

Equipment audits
Small equipment audits

Asset registers
Asset management

Issue desks
IT store and lab counters

HOW IT WORKS

From a tagged device to your asset register

Metal devices
Meters, instruments, power tools and metal laptop bases

IDTS-P0905-16
UHF ON-METAL PCB TAG

- Holds the asset number in the EPC
- Reads while bonded to metal
- Only 1.6 mm thick
- Answers Gen2 readers, 865–868 MHz
- Read at up to 30 cm

UHF reader
Handheld or desktop reader held near the item

Your software
IT asset register, lab issue log or tool records

A size for every read distance
For audits from further away, the P1207-25 PCB tag in the same range reads at up to 80 cm.

WHY THE IDTS-P0905-16

A low-profile tag for small devices

1.6 mm thin
Barely changes the outline of a meter, instrument, power tool or laptop base; it can also sit in a shallow recess.

Built for metal
An on-metal PCB design that reads when mounted on metal housings and tools.

Reads the item in front
Up to 30 cm suits an IT store counter or lab issue desk, where you register one device at a time.

Secure flat bond
The 9 × 5 mm face bonds along its full area with industrial adhesive or epoxy.

Your asset number
Write it to the EPC with any compatible UHF reader-writer, or ask for custom encoding.

Works with Gen2 readers
EPC Class 1 Gen2 / ISO 18000-6C across 860–960 MHz: readers on India's 865–868 MHz band read it.

Placement that lasts
Choose a flat area that stays uncovered by panels, brackets or shields, and print the asset number beside it.

Part of a size range
Sits between the miniature tags and the screw-mount rectangles; the P1207-25 reads at up to 80 cm.

CHIP AND MEMORY

Air interface and chip

PARAMETER	IDTS-P0905-16	NOTES
Chip	R6P	Asset number written to the EPC
Air interface	EPC Class 1 Gen2 / ISO 18000-6C	Any compatible UHF reader-writer
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Tag type	UHF on-metal PCB tag	Reads when mounted on metal
Read range	Up to 30 cm	Depends on reader and mounting surface

AT A GLANCE

- 9 × 5 × 1.6 mm on-metal PCB tag with an R6P chip
- Up to 30 cm for desk-side and counter reads
- Bonds flat with industrial adhesive or epoxy

SUPPLIED AS

- IDTS-P0905-16 UHF on-metal PCB tags
- Blank, or custom encoded to order
- Bonded on site with industrial adhesive or epoxy

ORDERING

IDTS-P0905-16 UHF on-metal RFID PCB tag, 9 × 5 × 1.6 mm, R6P chip, up to 30 cm.

SPECIFICATIONS

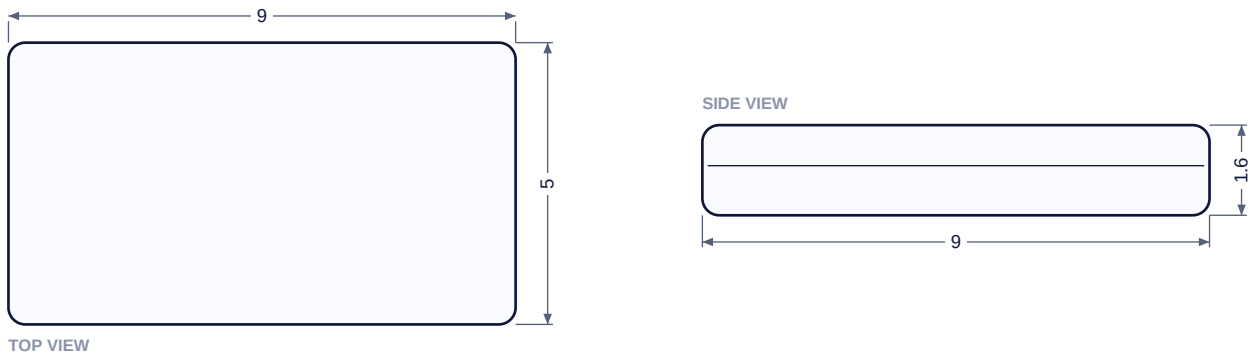
Technical data

RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Class 1 Gen2 / ISO 18000-6C
Chip	R6P
Read range	Up to 30 cm (depends on reader and mounting surface)

MECHANICAL	
Dimensions	9 × 5 × 1.6 mm
Shape	Rectangular
Tag type	UHF on-metal PCB tag
Mounting	Bonded flat with industrial adhesive or epoxy

MECHANICAL

Dimensions



Top and side views, mm.

Tag a few devices and test.

Ask for a quotation with the quantity and any custom encoding, and tell us which devices you are tagging and where they are read.

www.indiarfidstore.com
marketing@indiarfidstore.com
+91 70110 01472

Read range depends on the card or tag, its size and the environment. Specifications are indicative and may change without notice; confirm details for your order in the quotation.