

# UHF PCB TAG

## IDT PCB 01



UHF



IP 68



18mm x 9mm

Up to  
15cm

PCB tags are tailored as UHF Gen2 long range passive tags peculiarly intended to function when affixed to metal objects. They are lucid to implement on any sort of metal surface as they can be tacked through rivets, adhesives and magnets. They are ideal for assets that are subject to severe conditions such as vibration, shock, chemical exposure and fluctuating temperatures. They are extensively deployed in factories, warehouses and automotive to accomplish their requirements of managing inventory. They offer prolonged reading range which makes them competent for disparate application areas.

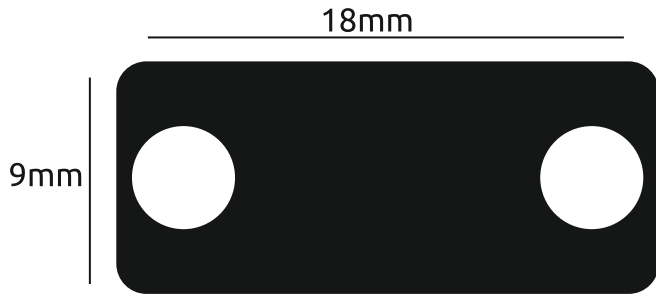
### PHYSICAL PARAMETERS

<b>Dimensions</b>	18mm x 9mm
<b>Weight</b>	8gm ± 2
<b>Encasement / Material</b>	PCB
<b>Packaging</b>	Premium Plastic Packing

### ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-40°C to +120°C
<b>Chemical Resistance</b>	Resistant To Chemical Solvent and Moisture
<b>Shock &amp; Vibration</b>	MIL STD 810-G
<b>Attachment</b>	Rivets & Screws, Adhesive
<b>Sealing</b>	IP 68

## UHF PCB TAG DIMENSION



## UHF PERFORMANCE

<b>Working Frequency</b>	860-960 MHz (ETSI), 902-928 MHz (FCC)
<b>Standard Protocol</b>	EPC Class 1 Gen2 (ISO18000-6C)
<b>Chip Type</b>	Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P, UCODE 7/8 chip
<b>EPC Memory</b>	Chip Dependent
<b>TID Memory</b>	Chip Dependent
<b>Read Range with Fixed Reader</b>	Up to 15cm (Reader & Chip Dependent)
<b>Read Range with Handheld Reader</b>	Up to 10cm (Reader & Chip Dependent)

## PERSONALIZATION

<b>Pre-Encoding</b>	Customer Specific Encoding of EPC
<b>Customized Printed</b>	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

## ORDER INFORMATION

<b>Part No.</b>	IDT.RF.T.PCB.01.BL (Blank)
	IDT.RF.T.PCB.01.AI (Adhesive Indoor)
	IDT.RF.T.PCB.01.AO (Adhesive Outdoor)

## APPLICATION AREA



Construction



Manufacturing



Logistics



Energy



Supply Chain



Transportation



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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