UHF PCB TAG
IDT PCB 07

RFID UHF	IP 68	90mm x 08mm	Up to 3m

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.
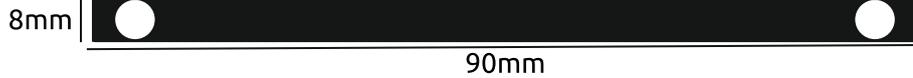
PHYSICAL PARAMETERS

Dimensions	90mm x 08mm
Weight	18gm ± 2
Encasement / Material	PCB
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

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

UHF PCB TAG DIMENSION

8mm | 90mm

UHF PERFORMACE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range with Fixed Reader	Up to 03m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 2.5m (Reader & Chip Dependent)

PERSONALIZATION

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

ORDER INFORMATION

Part No.	IDT.RF.T.PCB.07.BL (Blank)
	IDT.RF.T.PCB.07.AI (Adhesive Indoor)
	IDT.RF.T.PCB.07.AO (Adhesive Outdoor)

APPLICATION AREA

Construction　　Manufacturing　　Logistics　　Energy　　Supply Chain　　Transportation

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