ID TECH
IDENTITY AND SECURITY

UHF PCB TAG
IDT PCB 10

UHF   IP 68   95mm x 22mm   Up to 4.5m

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.
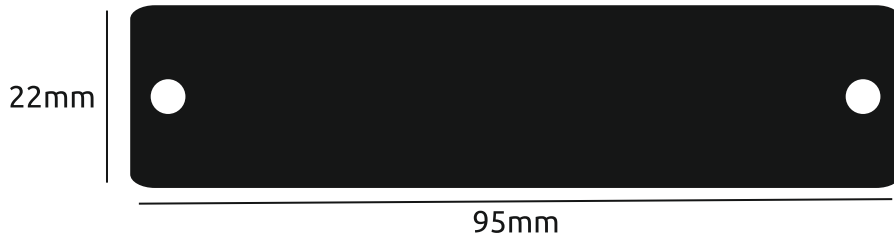
PHYSICAL PARAMETERS

Dimensions	95mm x 22mm
Weight	22gm ± 2
Encasement / Material	PCB
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40℃ to +85℃
Storage Temperature	-40℃ to +85℃
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

22mm

95mm

UHF PERFORMACE

Working Frequency	860-960 MHz (ETSI), 902-928 MHZ (FCC)
Standard Protocol	EPC Class 1 Gen2 (ISO18000-6C)
Chip Type	Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P, UCODE 7/8 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range with Fixed Reader	Up to 4.5m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 04m (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.10.BL (Blank)
	IDT.RF.T.PCB.10.AI (Adhesive Indoor)
	IDT.RF.T.PCB.10.AO (Adhesive Outdoor)

APPLICATION AREA

Construction   Manufacturing   Logistics   Energy   Supply Chain   Transportation