

PRODUCT DATASHEET

OR PCB -2510TM



- Tool tracking and sockets
- warehouse and inventory management
- Expensive electronic devices
- Pallet tracking

Environmental Specifications

Operating Temperature	-30°C to +85°C
Ambient Temperature	-30°C to +180°C

IP Classification	IP65
Shock and Vibration	MIL STD 810-F
Certifications	CE approved RoHS approved ATEX/IECEX certified
Warranty	1 year

Customization Options

Encoding
Pre-encoding based on customers' specification, including EPC, User memory and other requests.

Appearance

Customized appearance design, including logo, barcode, text on the PET label etc.

Mechanical Specifications

Tag Materials	FR4
Surface Materials	Industry grade epoxy resin
Dimensions	25 x 10 x 2.4(3.2 including chip) mm 22 x 8 x 2.6 mm
Weight	1.0 g
Attachment	Industry grade adhesive High performance epoxy resin
Color	Black by default

RF Specifications

RF Air Protocol	ISO18000-6C EPC Global Class 1 Gen2
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Operating Frequency	UHF 902-928 MHz (FCC) UHF 865-868MHz(EU)
Environment Compatibility	Optimized on metal
Read Range	Up to 8 m (on metal)
Polarization	Linear
IC Type	NXP U8

Memory Configuration EPC 128bit

*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.

Order Information

Product # PCB -2510

Product Name PCB-2510 FCC/EU