

# JYL-UHFP8008

The **RFID UHF PCB Tag** is designed with FR-4 substrate, which solves the problem that the tag cannot work normally on the metal surface. RFID PCB board labeling systems are now widely used for the management and identification of goods and assets. Mainly used in warehousing and logistics management, IT asset management, inventory management, asset management, auto parts tracking, industrial manufacturing, etc.



Colour:



Black



Red



Blue



Green



White

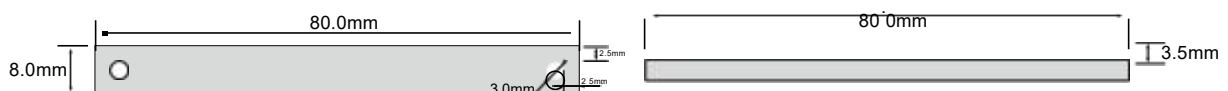
## Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	Up to 6.5M - (US) 902-928MHz, on metal Up to 5.9M - (EU) 865-868MHz, on metal
Read Range : (Handheld Reader)	Up to 3.4M - (US) 902-928MHz, on metal Up to 3.1M - (EU) 865-868MHz, on metal
Warranty:	1 Year

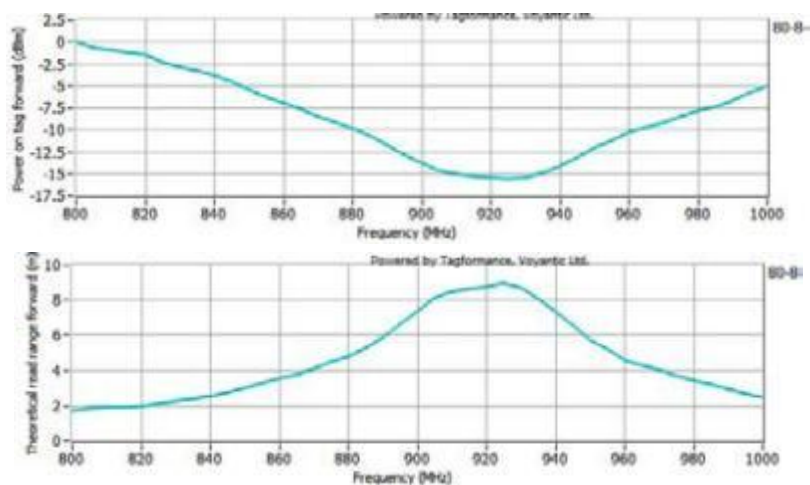
## Physical Specification:

Size:	80x8.0mm, (Hole: D3mm)
Thickness:	3.5mm
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive, Screw
Weight:	5.0g

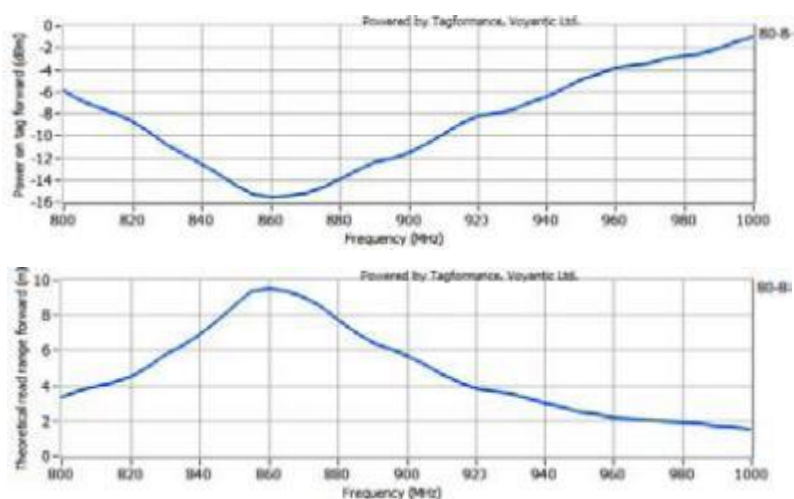
## Dimensions:



## PCB8008U1:



## PCB8008E1:



## Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-40°C to +150°C
Operation Temperature:	-40°C to +100°C

## Order information:

JYL-UHFP8008U1	(US) 902-928MHz
JYL-UHFP8008E1	(EU) 865-868MHz