

# DATASHEET

## UHF Disposable Wristband Tag

Tag Code: U5961410

Disposable Wristband tag are made of plastic or paper and most suitable for low cost ID solutions, 1 or 2 day events, airport packing and shipment tracking, and is available in various colour and sizes. They are available in all passive RFID Frequency range LF, HF & UHF.



### Electrical Specification

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	865 – 868 MHz or 902 – 928 MHz
Chip**	Alien Higgs-3
Memory Configuration	EPC–96 bits, extendible to 480bits
	TID – 96 bits unalterable unique
	User memory – 512 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	Off metal – Up to 3.5 m
	On wrist – Up to 0.5 m

### Physical / Mechanical Specification

Dimensions	225 x 25 ± 0.2 mm
Weight	2g
Colour**	Green
Encasement	PVC
Quality Assurance	100% reader tested

## Environmental Resistance

Operating temperature	-40°C to +70°C
Storage temperature	-40°C to +70°C
Ingress protection rating	IP67
Attachment***	Adhesive
Applicable surface	Non metal & Human Wrist

## Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours
Resistant to continuous exposure to motor oil for 2 hours
Additionally, abrasion resistant against HCL and IPA

## Additional Services

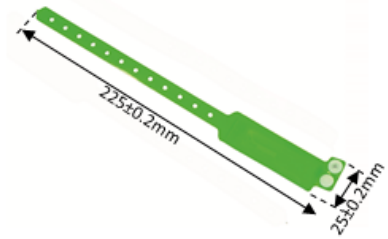
Pre-encoding	On request
Customization***	Logo / text printing on request

\* Actual Read range may vary depending upon the reader and environmental factor

\*\* Other on request

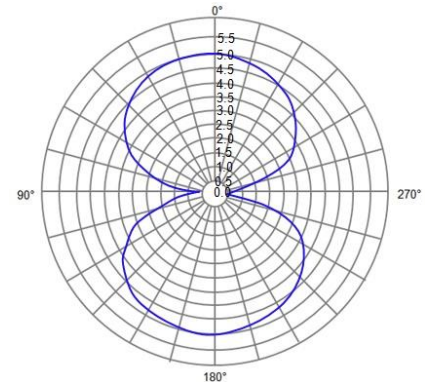
\*\*\* Available as an option at extra cost

## Dimensions



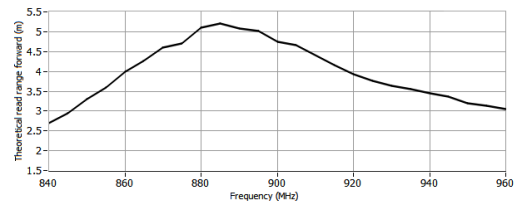
## Radiation Pattern Graph

(Orientation v/s Read Range Orientation)



## Linear Frequency Graph

(Frequency v/s Read Range Orientation)



## Order Information

Part No.	Description
U5961410	Alien higgs-3 chip tuned at Global frequency
U5961412	Alien higgs-4 chip tuned at Global frequency

Omnia Technologies Pvt. Ltd.

Corporate Office

Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124) 4366174, 4366411, +91 (124) 4366410 (Fax)