

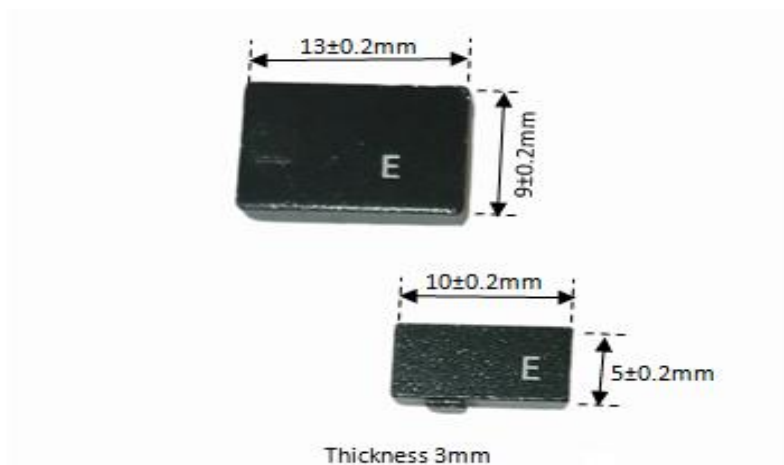
UHF Ceramic Tag

Product Code: U7X21211

Ceramic Tag is ideal for mount on metal application, tool tracking, IT Assets tracking etc. It is available in different chips & memory sizes.



Tag Dimensions



Electrical Specifications

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	
Product Code	U7021211	U7121211
Read range	Up to 5.0 meter on Fixed Reader	Up to 3.0 meter on Fixed Reader
Operating temperature	-40°C to +140°C	
Storage temperature	-40°C to +80°C	
Ingress protection rating	IP68	
Attachment***	Self Adhesive	
Applicable surface	Metal	

Physical and Mechanical Specification

Dimensions**	13 x 3.0 x 9.0 ± 0.2 mm	10 x 3.0 x 5.0 ± 0.2 mm
Product Code	U7021211	U7121211
Weight	2.0 g	
Encasement	Ceramic	
Quality Assurance	100% reader tested	

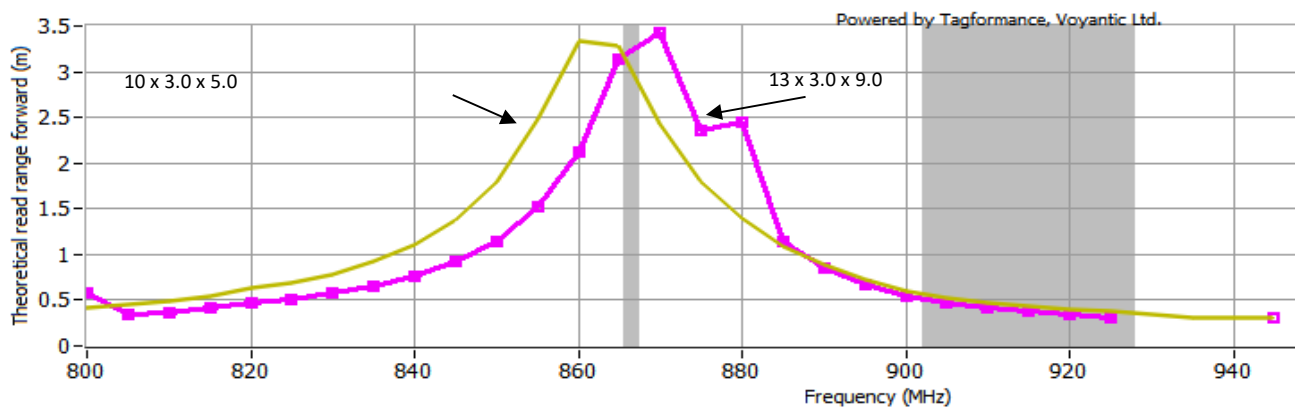
Chemical Resistance

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

Linear Frequency Graph



Additional Services

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

Order Information

U7021211-EU	13x9x3mm with Alien higgs-3 chip tuned at ETSI frequency
U7021211-US	13x9x3mm with Alien higgs-3 chip tuned at US frequency
U7121211-EU	10x5x3mm with Alien higgs-3 chip tuned at ETSI frequency
U7121211-US	10x5x3mm with Alien higgs-3 chip tuned at US frequency

- * Actual read range may vary depending upon the reader
- ** Other on request
- *** Available as an option at extra cost

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