

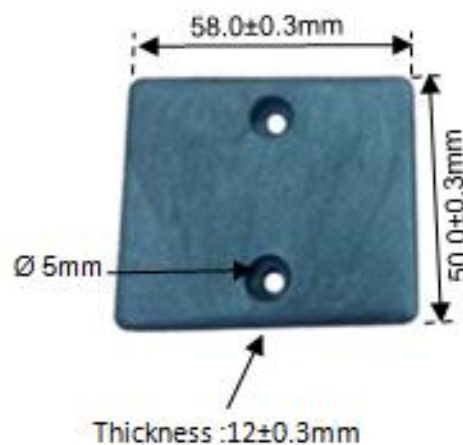
UHF HT Tag

Product Code: U1142804

HT Tag is the UHF Gen2 long range passive tag. Since the tag is overmolded and rugged constructed, therefore ideal for harsh environment and gives excellent performance when attached to metallic objects



Tag Dimensions



Electrical Specifications

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	865 – 868 MHz or 902 – 928 MHz
Chip**	NXP U-Code G2XM
Memory Configuration	EPC–96 bits, extendible to 240bits
	TID – 96 bits unalterable unique
	User memory – 512 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	On metal – Up to 10.0 m on Fixed Reader
Operating temperature	-40°C to +150°C for 34 hours 200°C for 24 hours
Storage temperature	-40°C to +80°C
Ingress protection rating	IP68
Attachment***	With screw/Rivets & Adhesive
Applicable surface	Metal

Physical and Mechanical Specification

Dimensions	58 x 50 x 12 ± 0.2 mm
Hole diameter	5.0 mm
Weight	48 g
Encasement	High temperature plastic
Quality Assurance	100% reader tested

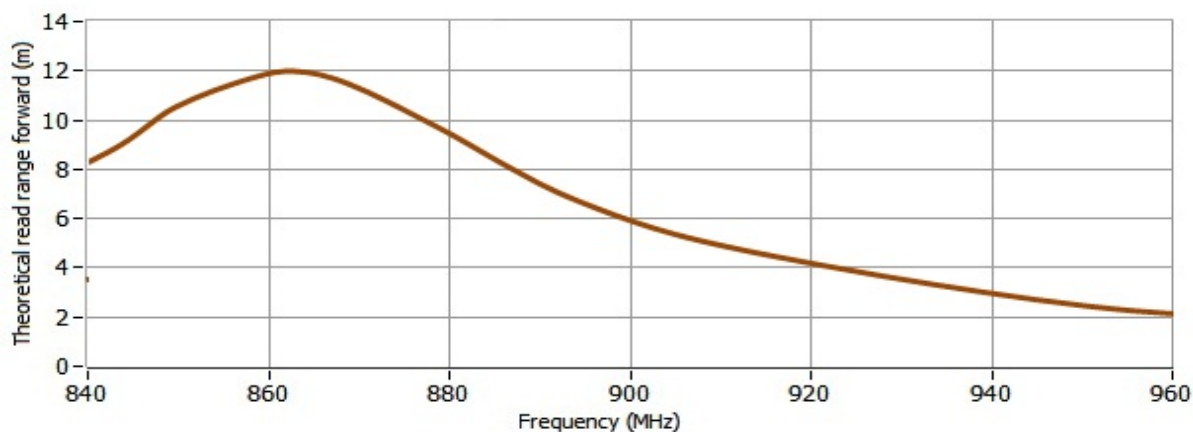
Chemical Resistance

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

U1142804-EU	NXP U-CODE G2XM chip tuned at ETSI frequency
U1142804-US	NXP U-CODE G2XM 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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