

DATASHEET

UHF Crate Tag

Tag Code: U7511220

Crate tag is a UHF Gen2 long range, medium sized passive tag. It is ideal for rugged environment and gives excellent performance on plastic objects.



Electrical Specification

Air Interface Protocol	ISO/IEC 18000-63
Operational Frequency	860 – 960 MHz
Chip**	Impinj Monza R-6P
Memory Configuration	EPC– Up to 128-bits
	TID – 96 bits of Serialized with 48-bit serial number
	User memory – Up to 64 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	Off metal : Up to 13 meter

Physical / Mechanical Specification

Dimensions	100x21x5.5 mm
Colour**	Grey
Weight	12 g
Encasement	PC / ABS High impact
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP67
Attachment***	Self Adhesive/ Rivet
Applicable surface	Plastic

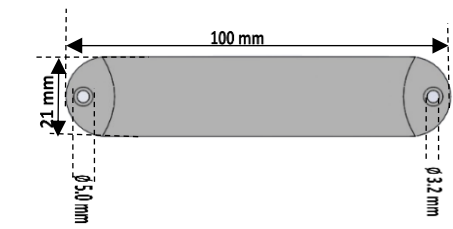
Chemical Resistance

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

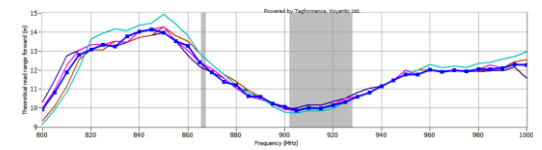
Pre-encoding	On request
Customization***	Logo / text printing on request

Dimensions



Linear Frequency Graph

(Frequency v/s Read Range Orientation)



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

** Other on request

*** Available as an option at extra cost

Order Information

Part No.	Description
U7511220	With Impinj Monza R6-P

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