

DATA SHEET



AGX-BC 6925

SPECIFICATION	AGX-BC 6925
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The AGX-BC 6925 UHF 69x25x10mm is a passive UHF RFID rugged hard tag that delivers exceptional performance specially when attached to metal surfaces like iron, steel, aluminum etc. The tag meets all requirements in terms of heat, pressure and chemical resistance in the applications concerning outdoor asset tracking that faces harsh weather condition and rough handling. Tags are one time usable, as all memory data types are locked at manufacturing end.

Features :

- Tag is built to withstand harsh environment
- Tag is built to withstand chemical exposure
- Can be attached by magnet
- Can also be attached using Adhesive tape on back surface
- Work seamlessly on all metallic surfaces.
- Dust and water proof



Tag Specification Data

ISO Protocol	ISO 18000-6C, EPC Class1 Gen2
Operating Frequency	UHF 865-868 MHz
IC Type	Impinj Monza R6-P
Memory	EPC : 96bit TID : 48bit (Unique) User: 64 bit
Data Retention	Up to 50 years
Programming Cycle	Up to 100,000 cycles
Material	ABS
Dimension	(69.5mm x 25.5mm x 9.5mm) +/- 1.0mm
Weight	Less than 20 g.

Environmental Test Data

Ingress Protection	IP68
Storage Temperature	-40°C to +85°C
Operation Temperature	-40°C to +80°C
Vibration Resistance	MIL STD 810-G
Shock Resistance	MIL STD 810-G
Impact Resistance	2 Kg from 1 m
Chemical Resistance	Highly resistive to Alkaline solutions Organic and inorganic acids High boiling aliphatic Hydrocarbons Most oils and greases. Domestic cleaning agents Detergents Perchloroethylene

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Typical Applications

Healthcare (Hospitals, Clinics etc.)	Chemical Industry
Pharma Industry	Surgical tray and medical equipment tracking
Cargo and container tracking	Automotive conveyances
Forklifts and heavy machinery	Warehouse racks and storage

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