



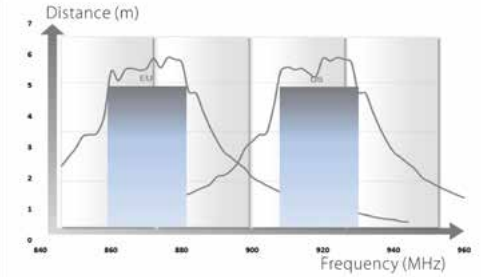
AIR INTERFACE PROTOCOL	OPERATIONAL FREQUENCY	TAG DIMENSIONS
EPC Global Class 1 Gen 2 ISO 18000-6C	UHF 866 – 868 MHz (EU)	18 x 4 x 1.8mm / 0.709 x 0.157 x 0.071 in

## APPLICATIONS



## RF SPECIFICATIONS

Environment Compability	On Metal Only
Read Range On Metal (2W ERP)	Up to 1 m / 3.2 ft
Read Range Off Metal	-
Polarization	Linear
IC Type	Magnus S2
Memory Configuration	EPC up to 272bit, TID 64bit, User up to 144bit



## MECHANICAL SPECIFICATIONS

Tag Materials	FR4
Surface Materials	Industry grade epoxy Resin
Dimensions	4 x 18 x 1.8 mm / 0.15 x 0.7 x 0.07 in
Weight (g)	0.1
Attachment	Industry grade adhesive / High performance epoxy resin
Color	Black by default Customized colors are available

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C to +85°C -22°F to +185°F
Ambient Temperature	-40°C to +150°C -40°F to +302°F
IP Classification	IP68
Shock and Vibration	MIL STD 810-F
Certification	CE approved RoHS approved ATEX/IECEX certified
Warranty	1 year

## ENCODING

Pre-encoding based on customers' specification, including EPC, User memory and other requests.