RTEC Steelcode™

- High value spare parts
- Crucial materials or objects
- Autoclave
- Painting process

Mechanical Sepcifications

Tag Materials	Ceramic
Surface Materials	PA6+GF
Dimensions	13 x 38 x 7.7 mm
Weight	7.4 g
Attachment	Rivet hole Φ3.4 mm High performance epoxy resin
Color	Black by default

Environmetal Sepcifications

Operating Temperature	-30°C to +85°C
Ambient Temperature	-30°C to +250°C
IP Classfication	IP68
Shock and Vibration	MIL STD 810-F
Certifications	CE approved RoHS approved ATEX/IECEx certified
Warranty	1 year

RF Sepcifications

RF Air Protocol	EPC Global Class 1 Gen2 ISO18000-6C
Operating Frequency	UHF 866-868 MHz (ETSI) UHF 902-928 MHz (FCC)
Environment Compatibility	Optimized on metal
Read Range	Up to 6.5 m (on metal)
Polarization	Linear
IC Type	Impinj R6-P
Memory Configuration	EPC 128bit TID 96bit User 32bit

*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.

Customization Options

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

Appearance
Customized appearance design, including logo, barcode, text on the PET label etc.

Order Information

Product #	RTEC7020301
Product Name	RTEC Steelcode ETSI
Product #	RTEC7020302
Product Name	RTEC Steelcode FCC

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CE

RoHS

Ex