

RTEC P-M2208™



- Tool tracking and sockets
- Tools of molding
- Expensive electronic devices
- Embedded

Environmental Specifications

Operating Temperature	-30°C to +85°C
Ambient Temperature	-30°C to +180°C
IP Classification	IP65
Shock and Vibration	MIL STD 810-F CE approved
Certifications	RoHS approved ATEX/IECEX certified
Warranty	1 year

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.

Mechanical Specifications

Tag Materials	FR4
Surface Materials	Industry grade epoxy resin
Dimensions	22 x 8 x 2.6(3.3 including chip) mm
Weight	1.0 g
Attachment	Industry grade adhesive
Color	High performance epoxy resin Black by default

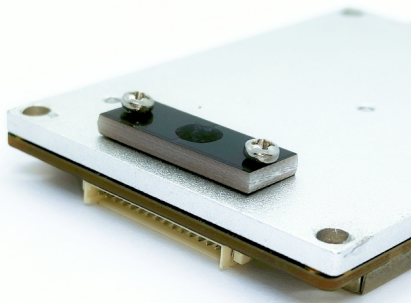
RF Specifications

RF Air Protocol	EPC Global Class 1 Gen2 ISO18000-6C
Operating Frequency	UHF 902-928 MHz (FCC) UHF 865-868MHz(EU)
Environment Compatibility	Optimized on metal
Read Range	Up to 8 m (on metal)
Polarization	Linear
IC Type	NXP U8
Memory Configuration	EPC 128bit

*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.

Order Information

Product #	RTEC P-M2208
Product Name	RTEC P-M2208 FCC/EU



RTEC Singapore

57 Mohamed Sultan Road
#01-05 Sultan Link
Singapore 238997

RTEC China

L3 Enterprise accelerator B,
Scientific innovation District,
MianYang City
Sichuan, China 621000

