Smart Identify
Smart choice you choose

UHF Metal Tag High Temperature Resistance Specification HT3146





HT3146 is the anti-metal tag designed for hostile environment, which could resist corrosion and high temperature for a very long time period. The heat withstanding is up to 250 degree centigrade.

HT3146 passed the following tests: high temperature test, alternating temperature test, corrosion (acidity/ alkaline) testing, vibration test, Ultrasonic washing test.

And to make sure each shipment tags with excellent reliability and performance consistency, we do a series of tests before shipment,include testing by European tags comprehensive test instrument, encoding test of EPC and User memory.

Mounting options on metal surface: 3M glue/ Screw/Rivets/Double sides adhesive that adaptive to mounting conditions.

Physical Specification:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	US 902-928MHz, EU 865-868MHz, or Customs
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read/wirte
Data Retention:	10 Years
Metarial:	Engineering plastics
Weight:	22g/pc
RoHs:	EU Directive 2011/65/EU
Work Temperature:	-25℃ to +95℃
Storage Temperature:	-45℃ to +230℃
Peak value:	+230℃ @ one hour

Smart Identify Ltd.
594/9 Hathairat Rd., Bangchan, Klong Samwa, Bangkok 10510 Thailand
Tel : +66(0)2-136-9171-4 Fax : +66(0)2-136-9171

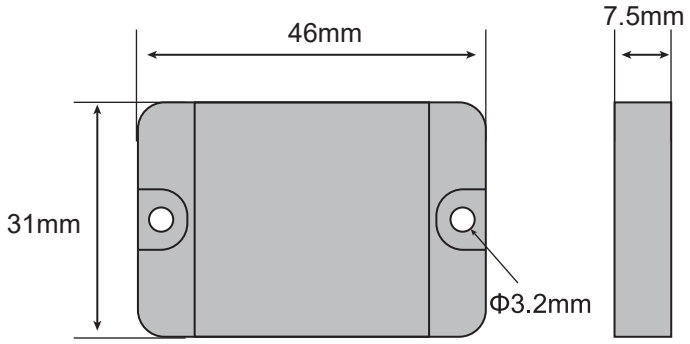
www.smartiden.com
smartidentify
@smartidentify

Smart Identify
Smart choice you choose

UHF Metal Tag High Temperature Resistance Specification HT3146

Dimensions:

Applicable:	Metal Surfaces
Size:	46mm*31mm*7.5mm
Hole size:	3.2mm

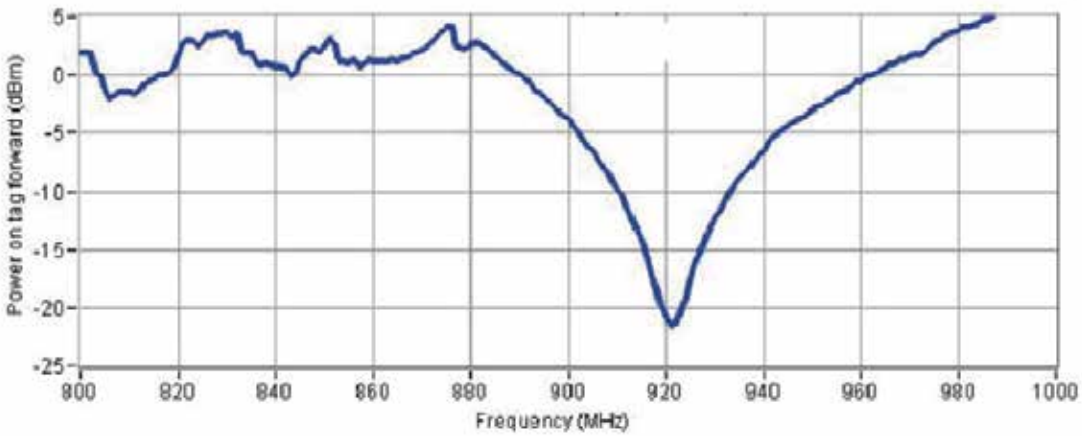


Reliability Test:

Temperature Test:	+230℃ Temperature in 15 days
Temperature Cycling Test:	-40℃ to +150℃ 7 times, 48 houres High/Low temperature cycle
IP Classification:	IP68

RF Performance:

Fix Reader:	up to 10M, (4W EIRP, Alien 9900 Reader)
Handheld Reader:	up to 6M, (Alien 9001 Reader)
Polarization:	Linear

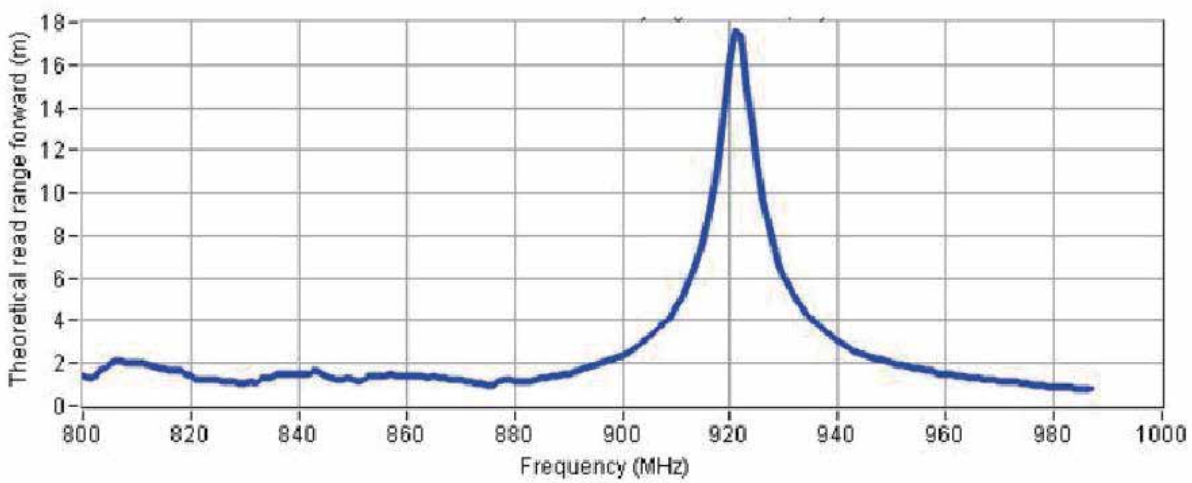


Smart Identify Ltd.
594/9 Hathairat Rd., Bangchan, Klong Samwa, Bangkok 10510 Thailand
Tel : +66(0)2-136-9171-4 Fax : +66(0)2-136-9171

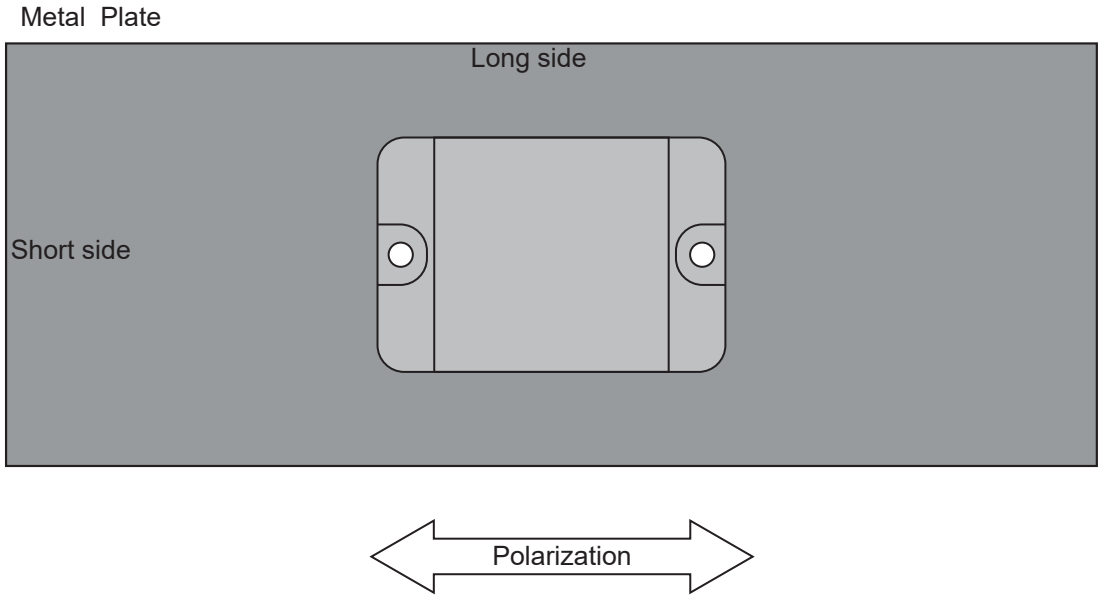
www.smartiden.com
smartidentify
@smartidentify

Smart Identify
Smart choice you choose

UHF Metal Tag High Temperature Resistance
Specification HT3146



Installation and Polarization:



Smart Identify Ltd.
594/9 Hathairat Rd., Bangchan, Klong Samwa, Bangkok 10510 Thailand
Tel : +66(0)2-136-9171-4 Fax : +66(0)2-136-9171

www.smartiden.com
smartidentify
@smartidentify