

**SCIVAS LIMITED**

YOUR VISION, OUR FREQUENCY

RFID Tags & Smart Cards, Precision-Engineered for Global Markets.

WEBSITE: www.scivas.com

TEL: +86-20-87097510



Micro UHF On-metal Tag

The tag can be embedded in metal and will withstand repeated autoclave cycles. It is designed to meet FDA requirements, is ATEX certified, and is an ideal solution for tracking small tools. Such as scalpel, Weapon Bearing, auto spare parts, etc. It is bio-compatible to ensure safety in medical applications and have been tested to survive high heat in repeated autoclave cycles and industrial chemical washes that normally complicate the application of RFID devices.

Physical Features:

Model:	HTR1005-1
Material:	Ceramic
Color:	Black
Dimensions:	10 x 5 x 3 mm(L x W x T)
Weight:	0.8 g
Working Temp:	-40~+85°C
Storage Temp:	-40~+250°C
IP Code:	IP68
Humidity:	98% Non-condensing

RFID Features:

RFID Standard:	ISO/IEC 18000-6C (EPC Gen2)
Chip Type:	Alien Higgs-3
Memory:	User - 512 bits; EPC - 96 bits; TID - 32 bits
Read Range(2W ERP FCC):	4.8 m
Read Range(2W ERP ETSI):	4.5 m

Other Features:

Data Storage:	> 10 years
Re-write:	100,000 times
Installation:	Epoxy, Embedded
Customization:	Logo, Encoding, Design, etc
Package:	Packed with plastic tray, 100 pcs/ tray
Application:	Weapon Control Scalpel Tracking Management Bearing Tracking Auto Spare Parts Small Metallic Tools Tracking, etc.



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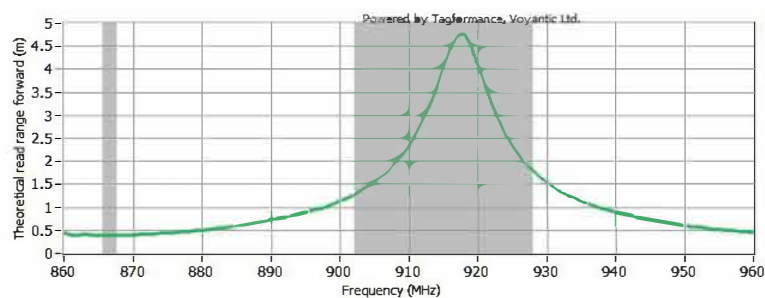
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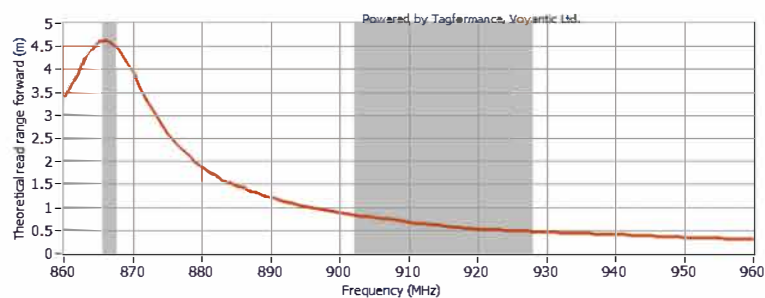
Dimensions:



Read Range FCC on Metal:



FCC on metal ☒



ETSI on metal ☒

Application:

