

Gem - I

UHF Metal Labels

Gem-I is a ceramic based on-metal RFID tag, compatible with the EPC Class 1 Gen 2 (ISO18000-6C) standards. It is suitable for tracking small metal assets such as tools. The small footprint makes it ideal for tracking assets where tagging surface is small. It can also sustain the harsh environment and higher temperatures for short duration exposure.

It comes with thin film 3M adhesive.



100% read-tested tags with industry best NXP G2iM/Higgs9/Higgs10 chips. These tags are available in different sizes and can be customized with customer branding.

RECOMMENDED APPLICATIONS

Tools Tracking

RFID is a favoured method of tracking assets in IT and logistics. Quickly and easily account for all assets such as laptops, machinery etc by handheld/fixed reader scanning an RFID encoded tag applied to the assets. WL02U is the optimal solution for your asset tracking needs.



Other Applications:

Medical Assets, Metal tools tracking

Specifications

Part no.:	WL28U
Operating Frequency :	865-868 MHz (ETSI)
Operating Mode :	Passive (battery-less transponder)
Read Range :	up to 3m* (Fixed Reader) up to 2m* (Handheld Reader)
Protocol :	ISO/IEC 18000-6C
Chip Type :	NXP UCode 8/9; EPC Class 1 Gen 2
Memory :	EPC 96/128 bits 48-bit Tag Identifier (TID) factory locked 0-bit User memory
Data retention :	Up to 10 years
Dimensions :	25 x 9 x 3mm 21 x 17 x 3mm Other size available on request
Material :	Ceramic
Ingress Protection :	IP68
Operating Temp. :	-10°C to +180°C
Storage Temp. :	-10°C to +150°C
Application :	3M Adhesive
Quality assurance :	100% read-tested
Optional services :	Logo Printing and Encoding