



UNIQUE

Smart and Small Glass Transponder for Immobilizer Systems

The UNIQUE is a 64 bit Read Only transponder with a 40 bit fixed code ID number originally developed for the first generation immobilizer systems. It is a very small form factor that offers an excellent frequency tuning for best system performance with a unique ID for the transponder usage.

The UNIQUE Transponder can be tuned to a resonant frequency of between 120kHz and 140kHz for best system performance, according to the customer's specification.

The UNIQUE transponder is available in a very small size rugged glass rod package.

Overview

Size / Package

Glass 3,15 × 13,3 mm

Type

Read Only

Encryption Algorithm

No

Transponder Frequency

125 ± 3 kHz or 131 ± 3 kHz

Total Memory

64 bit, unique ID 40 bit

Transponder Baud Rate

2 kBd @ 125 kHz

Transponder Coding Type

Manchester

Operating Temperature

-40°C to +85°C

Applications

► Automotive

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Dimensions	Frequency	Material	Type	Total Memory
3.15 × 13.3 mm	125 kHz ± 3 kHz or 131 kHz ± 3 kHz	Glass	Read Only	64 bit

Contact: Automotive

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