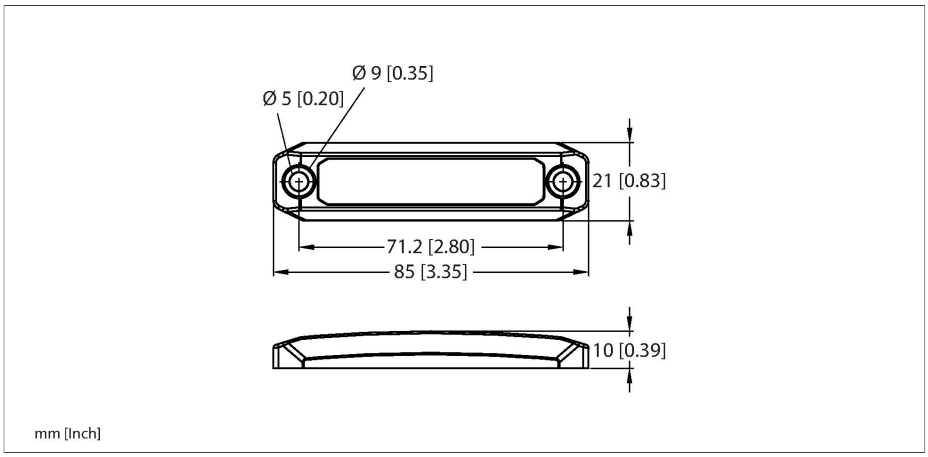
TW860-960-Q21L85-M-B128
UHF Tag



Features

- EEPROM, memory 86 bytes
- TID serial number: 12 bytes
- For direct mounting on metal

Functional principle

The UHF read/write heads form an air interface the size of which may vary, depending on the combination of read/write head and tag.
The read/write distances mentioned here only represent standard values measured under laboratory conditions and free from any influences caused by materials.
Attainable distances may vary due to component tolerances, mounting conditions, ambient conditions and material qualities, especially when mounted in metal.
Testing of the application under real operating conditions is therefore essential, especially with read/write on-the-fly!

Technical data

Type	TW860-960-Q21L85-M-B128
ID	100050407
Remark to product	For direct mounting on metal
Data transfer	Alternating electromagnetic field
Technology	UHF RFID
Radio communication and protocol standards	ISO 18000-63 EPCglobal Gen 2
Design	Hard tag
Active area material	Plastic, grey
Protection class	IP68
Packaging unit	1

Technical data

Type	TW860-960-Q21L85-M-B128
ID	100050407
Remark to product	For direct mounting on metal
Data transfer	Alternating electromagnetic field
Technology	UHF RFID
Reading range on metal	15 m (2W ERP)
Memory type	EEPROM
Chip	Alien Higgs 4
Memory	Read/Write
Freely usable memory	86 Byte
EPC memory	12 byte
Number of read operations	unlimited
Number of write operations	10^5
Typical read time	2 ms/Byte
Typical write time	3 ms/Byte
Radio communication and protocol standards	ISO 18000-63 EPCglobal Gen 2

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Technical data

Temperature during read/write access	-35…+85 °C
Temperature outside detection range	-35…+85 °C
Design	Hard tag
Housing length	21 mm
Housing width	85 mm
Housing height	10 mm
Active area material	Plastic, grey
Protection class	IP68
Packaging unit	1

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