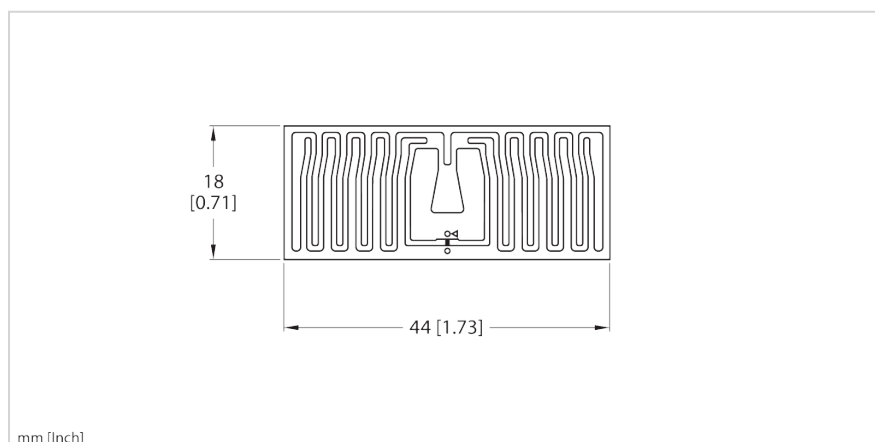


TW860-960-L44-18-P-B34-5KPCS

UHF Tag



Typ	TW860-960-L44-18-P-B34-5KPCS
Ident-No.	100050383

Technical data

Electrical data	
Chip	NXP U-Code 9
Data transfer	Alternating electromagnetic field
EPC memory	12 Byte
Memory	32 Byte
Memory	Read/Write
Memory type	EEPROM
Number of read operations	unlimited
Number of write operations	10 ⁵
Reading range	7 m (2W ERP)
Technology	UHF RFID
Typical read time	2 ms/Byte
Typical write time	3 ms/Byte
Mechanical data	
Design	Smart Label
Housing length	44 mm
Housing width	18 mm
Dimensions	44 mm x 18 mm
Environmental conditions	
Temperature during read/write access	-40...+85 °C

Features

- EEPROM, memory size 32 bytes
- EPC memory size up to 16 bytes

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

Temperature outside detection range	-40...+85 °C
Comments	
Packaging unit	1
Remark to product	Smart-Label, self-adhesive

Installation instructions



Installation information:

General Information

When mounting the tags, only remove them from the roll immediately before affixing them. Remove any dirt from the surfaces to be bonded and allow to dry. Liquids, oils, greases and other substances can reduce the effectiveness of the adhesive. If possible, affix the tag at room temperature (20–25 °C). Defective tags are indicated by a black dot. Please do not use this tag. Upon delivery, the number of marked defective tags is added to the total number of Smart Labels delivered.