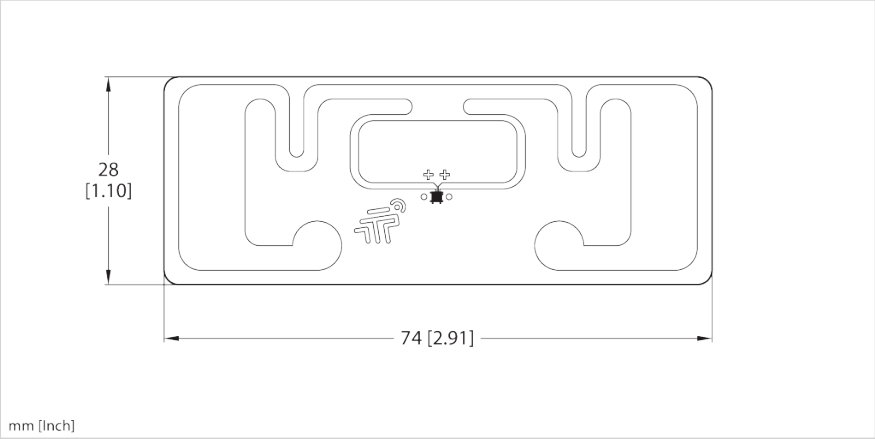
TW860-960-L74-28-TEMP-B56-10PCS

UHF Tag





Type designation	TW860-960-L74-28-TEMP-B56-10PCS
Ident-No.	100050536

Technical data

Electrical data	
Chip	ASYGN AS3211
Data transfer	Alternating electromagnetic field
EPC memory	24 Byte
Freely usable memory	12 Byte
Memory	56 Byte
Memory	Read/Write
Memory type	EEPROM
Number of read operations	unlimited
Number of write operations	10^5
Reading range	6 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	74 mm
Housing width	28 mm
Dimensions	74 mm x 28 mm

Features

- EEPROM, memory size 56 bytes
- UHF RFID tag with contactless temperature measurement
- Measuring range -40 °C…+125 °C
- Measuring accuracy <2 °C
- EPC memory size up to 24 bytes
- USER memory size up to 12 bytes
- TID memory: 12 bytes

Functional principle

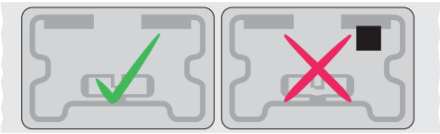
The UHF read/write heads form a transmission zone, the size of which may vary depending on the combination of read/write head and tag used.
The listed maximum read/write distances only represent typical values under laboratory conditions without the effect of materials.
The achievable distances may be different due to component tolerances, mounting location in the application, ambient conditions and the effect of materials (particularly metal).
Testing of the application under real operating conditions is therefore essential, especially with on-the-fly reading and writing!

| 29-08-2026 00:08 | Subject to technical changes |

Technical data

Ambient conditions	
Temperature during read/write access	-40...+125 °C
Temperature outside detection range	-70...+125 °C
Comments	
Packaging unit	1
Remark to product	Smart-Label, self-adhesive

Assembly instructions



Installation information:

General

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.

| 29-08-2026 00:08 | Subject to technical changes |