



RFID Transponder

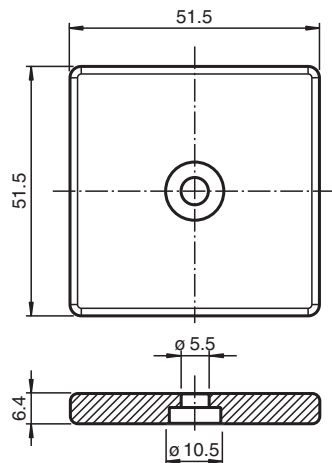
IQC24-50F-T10

- Operating frequency 13.56 MHz
- With extended temperature range up to 220 °C (428 °F)
- Conforms to ISO 15693
- 992 bytes memory freely available
- Readable and writable from both sides
- Degree of protection IP68
- Mounting holes for simple installation

Data carrier



Dimensions



Technical Data

General specifications		
Operating frequency		13.56 MHz
Transfer rate		26 kBit/s
Memory		
Chip Type		my-d SRF 55V10P (Infineon)
EEPROM		992 Byte
UID		64 Bit
Memory organization		4 bytes/block
Read cycles		unlimited
Write cycles		> 100000
Data retention period		10 years at 55 °C (131 °F)
Directive conformity		
Radio equipment		
Directive 2014/53/EU		EN 300330
RoHS		
Directive 2011/65/EU (RoHS)		EN 50581

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3

Ambient conditions

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 220 °C (-40 ... 428 °F) 220 °C (473 K) for 1000 hours or 1500 cycles of 30 min
Climatic conditions	100 % non-condensing

Mechanical specifications

Degree of protection	IP68
Material	
Housing	PPS
Installation	
In air	yes
Mass	25 g
Construction type	Rectangular type

Accessories

	ICZ-MH30-25-T10	Spacers for code/data carrier
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Application

The transponder can be read and written from either side.

Safety Information

High temperatures will cause the housing to expand.

If the housing is assembled under mechanical stress, the resulting pressure may damage the tag.

Install the tag loosely to allow for expansion due to high temperatures.