



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

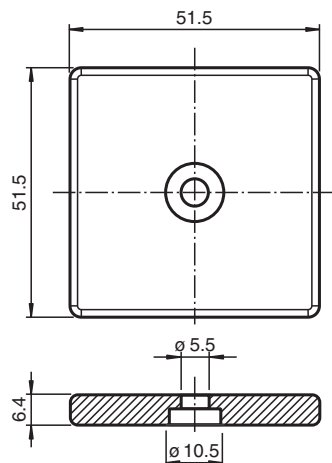
Data carrier



Application

The transponder can be read and written from either side.

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

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

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 **PEPPERL+FUCHS**

Technical Data

RoHS		
Directive 2011/65/EU (RoHS)		IEC/EN 63000
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		
Housing length		51.5 mm
Housing width		51.5 mm
Housing height		6.4 mm
Degree of protection		IP68
Material		
Housing		PPS
Installation		
In air		yes
Mass		25 g
Construction type		Rectangular type

Mounting

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.

Accessories

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