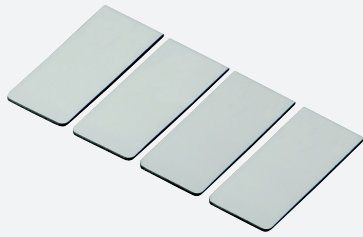


RFID Transponder

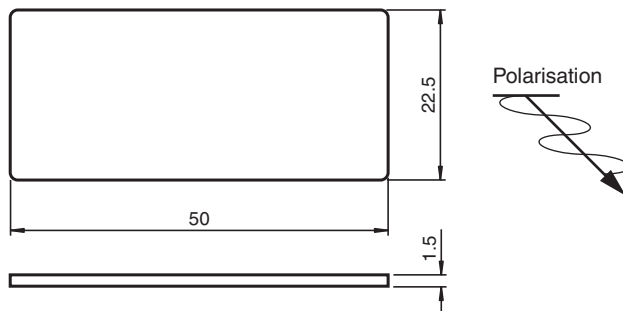
IUC82-23L50-M-FR1 500pcs



- Operating frequency 865 ... 868 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Robust, adhesive plastic label
- Optimized for mounting on metal

Data carrier

Dimensions



Technical Data

General specifications

Operating frequency	865 ... 868 MHz
Polarization	linear

Memory

Chip Type	UCODE 7xm-2k (NXP)
Memory Bank 00 (Reserved)	64 Bit
Memory Bank 01 (EPC/UII)	448 Bit
Memory Bank 10 (TID)	96 Bit
Memory Bank 11 (User memory)	2048 Bit
Read cycles	unlimited
Write cycles	100000
Data retention period	50 years

Directive conformity

Radio equipment	
Directive 2014/53/EU	EN 302208
RoHS	

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

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 **PEPPERL+FUCHS**

Technical Data

Directive 2011/65/EU (RoHS)	EN 50581
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-63
Ambient conditions	
Ambient temperature	-30 ... 85 °C (-22 ... 185 °F)
Storage temperature	-30 ... 85 °C (-22 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67
Installation	Adhesive
On metal	yes
Mass	1 g
Construction type	Label
Note	Packaging unit, 500 pcs. on a roll

Mounting

The surface to be bonded must be dry and free from dirt, oil residues, and separating agents. Loose surface particles and oxidation layers impair adhesion. Use a grease-free solvent, such as heptane, isopropyl alcohol, or mineral spirits, as a cleaning agent. Choose a different cleaning agent if these solvents are incompatible with the adhesive surface.

Minimum bonding temperature: +10° C

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