



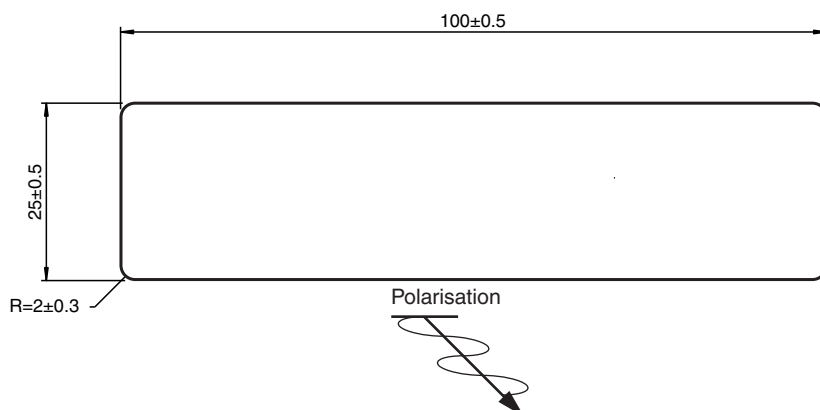
RFID Transponder

IUC77-25L100-GBL 1000pcs

- Operating frequency 865 ... 928 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Adhesive paper label

Data carrier

Dimensions



Technical Data

General specifications

Operating frequency	865 ... 928 MHz
Polarization	linear

Memory

Chip Type	Monza 4QT (Impinj)
Memory Bank 00 (Reserved)	64 Bit
Memory Bank 01 (EPC/Ull)	128 Bit
Memory Bank 10 (TID)	96 Bit
Memory Bank 11 (User memory)	512 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years

Directive conformity

Release date: 2020-03-26 Date of issue: 2020-03-27 Filename: 256090_eng.pdf

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

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Technical Data

Radio equipment		
Directive 2014/53/EU		EN 302208
RoHS		
Directive 2011/65/EU (RoHS)		EN 50581
Standard conformity		
Degree of protection		EN 60529
RFID		ISO/IEC 18000-63
Ambient conditions		
Ambient temperature		-40 ... 85 °C (-40 ... 185 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Degree of protection		IP67
Material		
Housing		Paper
Installation		Adhesive
In air		yes
Mass		1 g
Construction type		Label
Note		Packaging unit, 1000 pcs. on a roll

Installation Conditions

The minimum bending radius of the transponder is 50 mm. Do not bend the transponder above this bending radius.
Do not touch the area of the integrated circuit IC. The IC is a sensitive electrical component that can be damaged by excessive pressure.

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