



# RFID Transponder

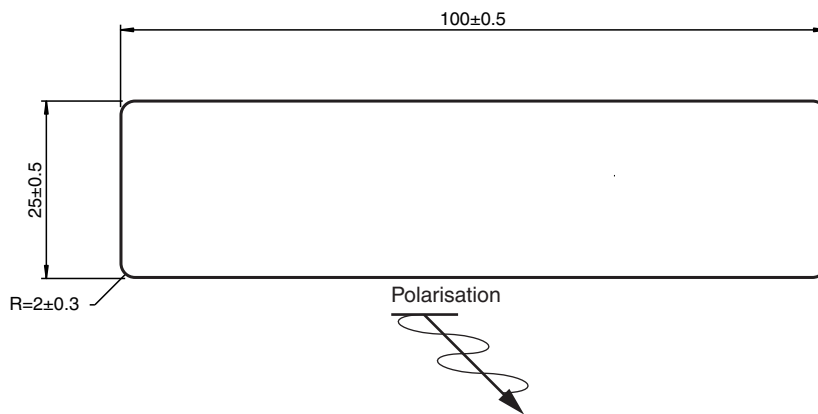
## IUC77-25L100-GBL 1000pcs

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

RFID Transponder

**UK  
CA**

### 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/UUI)	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

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

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## Technical Data

Directive 2014/53/EU	EN 302208
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
<b>Standard conformity</b>	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-63
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
<b>Mechanical specifications</b>	
Housing length	100 mm
Housing width	25 mm
Housing height	0.2 mm
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.