

RFID Transponder

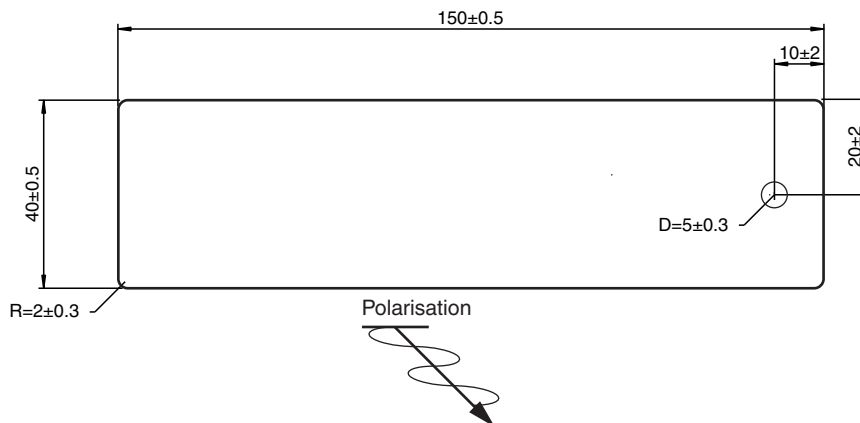
IUC76-C8-T14-GBL



- Operating frequency 865 ... 928 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Temperature range up to 220 °C (428 °F)
- Supporting film only 0.3 mm thick

Data carrier

Dimensions



Technical Data

General specifications

Operating frequency	865 ... 928 MHz
Polarization	linear

Memory

Chip Type	Higgs-3 (Alien)
Memory Bank 00 (Reserved)	64 Bit
Memory Bank 01 (EPC/Ull)	96 ... 480 Bit
Memory Bank 10 (TID)	64 Bit
Memory Bank 11 (User memory)	512 Bit
Read cycles	unlimited
Write cycles	> 10000
Data retention period	10 years

Directive conformity

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 ... 220 °C (-40 ... 428 °F) for 30 min
Mechanical specifications		
Degree of protection		IP67
Material		
Housing		transparent tape
Installation		
In air		yes
Mass		1 g
Construction type		Label