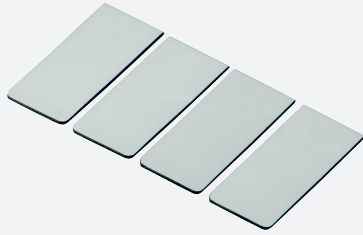


RFID Transponder

IUC82-23L50-M-FR1 500pcs

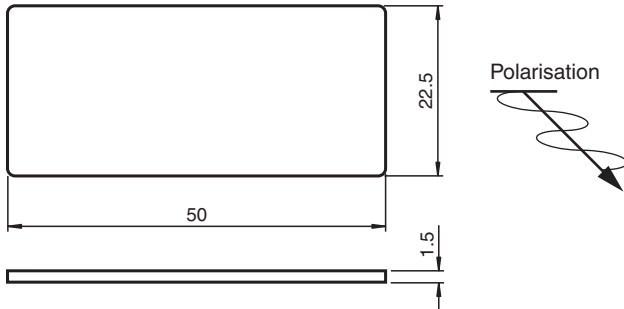


- Operating frequency 865 ... 868 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Robust, adhesive plastic label
- Optimized for mounting on metal

Data carrier

UK
CA

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/Ull)	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	
Directive 2011/65/EU (RoHS)	IEC/EN 63000

Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 18000-63

Ambient conditions

Ambient temperature	-30 ... 85 °C (-22 ... 185 °F)
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Release date: 2024-06-14 Date of issue: 2024-06-14 Filename: 319887_eng.pdf

Technical Data

Storage temperature	-30 ... 85 °C (-22 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67
Material	
Housing	PET
Installation	Adhesive
On metal	yes
Mass	1 g
Dimensions	
Height	1.5 mm
Width	22.5 mm
Length	50 mm
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