

CK-BQY7020

INDUSTRIAL ANTI-LIQUID RFID TAG



The CCK-BQ7020 Industrial Anti-Liquid RFID Tag is engineered for challenging environments where moisture and temperature fluctuations are common. Featuring the Impinj Monza R6-P chipset and aluminum-etched antenna, it delivers 8-meter read range even in high-liquid-content settings. With 128-bit EPC memory and 32-bit User memory, it supports complex asset tracking requirements. The 50 μ m PET substrate ensures durability against chemicals and abrasion, making it ideal for food processing, pharmaceutical, and outdoor logistics applications

- 8m Read Range in Liquid Environments
- -40° C to +85° C Extreme Temperature Resistance
- ISO/IEC 18000-6C & EPC Gen2 Certified
- 100,000 Write Cycles with 10-Year Data Retention

● Specification

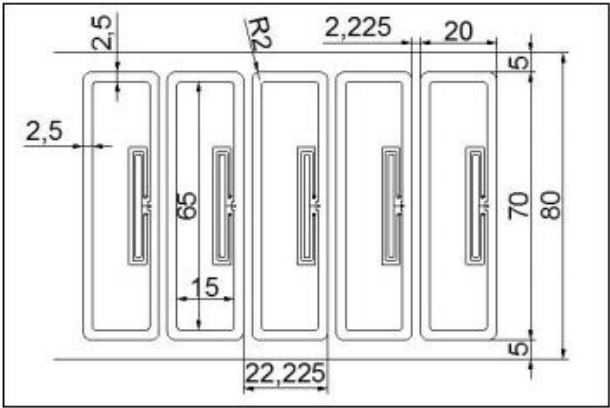
Model	CK-BQY7020
RF SPECIFICATION	
Identification Method	UHF
chip	Impinj Monza R6-P
Frequency Range	840MHz~960MHz
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Base material	PET
Memory	
EPC	128bits
User	32bit
TID	96 bits
BASIC SPECIFICATION	
size	70*20MM
IC Life	100, 000 Programming cycles, 10years data retention
Read range	5 M
Operating Temperature	-40° C to +85° C
Humidi	50%±10% RH
Storag	-25° C to +50° C

- Related Model

- Common Solution

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- Dimension



Unit : mm (inch)
Weight. : about0.1g

- Accessory

No.	item	units	quantity



RFID IoT Application



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