

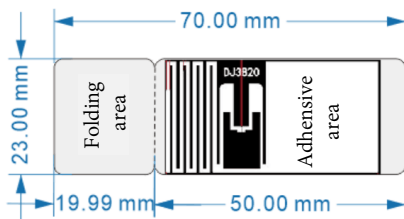
## KH-RFID-7023-BQ Datasheet

Specification of final product

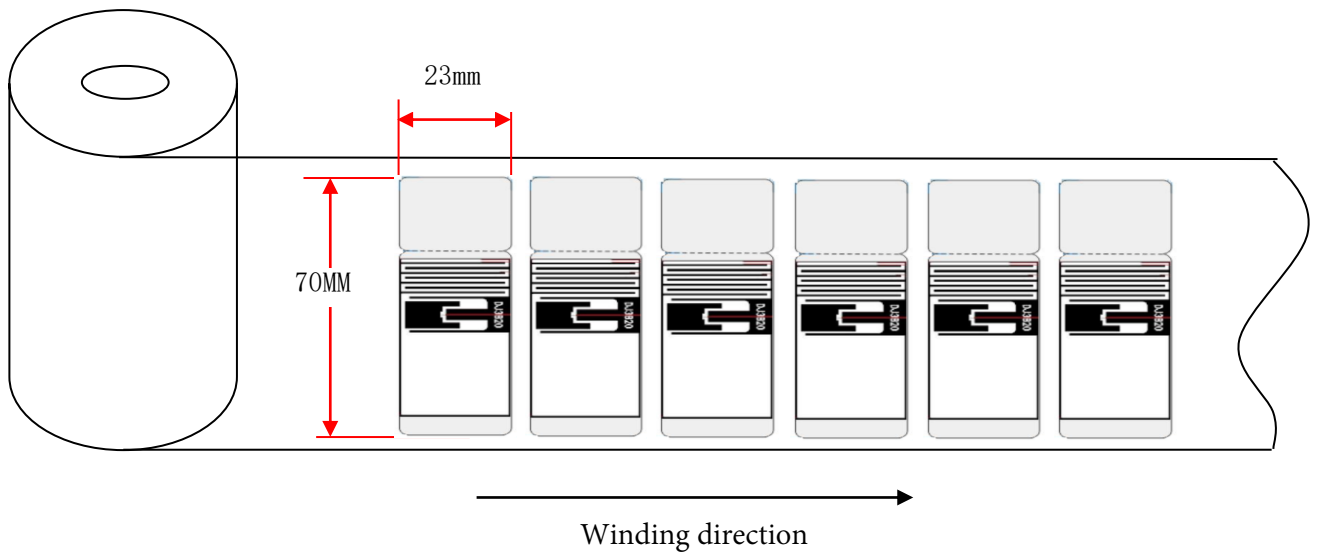
### 1 inlay Shape



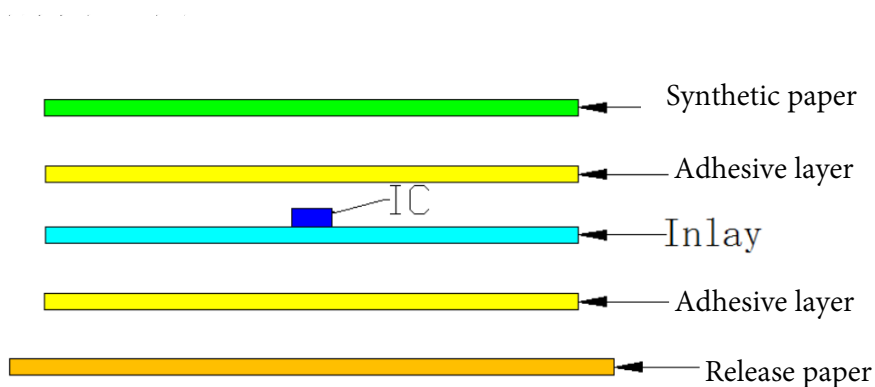
### 2 Product schematic diagram



### 3. Dimension specification



### 4. Schematic diagram of structure



## Electrical Characteristics

Item	Description	Remarks	
Manufacturer/chip	Impinj/Monza 4E		
Base material	80 grams of art paper		
Antenna	Al (9 μm) +PET (50 μm)		
Protocol	ISO/IEC 18000-6C EPC Class1 Gen2		
Chip storage area	EPC	128/496/128 Biets	Readable and writable
	TID	48/48/48 Bits	Readable and not writable
	Password	32Bits Access password 32Bits Inactivation code	Readable and writable
	User area	32/128/512 Bits	Readable and writable
Frequency	860~960MHz		
Working mode	None		
IC life	100,000 programming cycles, 10 years data retention		
ESD Performance	2000V	(HBM)	

### III Performance parameters



### Environmental requirements

Operating temperature: [-40 ° C to + 70 ° C] 20% to 90% RH Non-condensing;  
 Applicable temperature: [-25 ° C to + 50 ° C] 20% to 90% RH Non-condensing;  
 Shelf life of the finished product: sealed in anti-static bag, 2 years under the condition of + 20 C ± 10 C/50% ± 10% RH.