



# VULCAN RFID

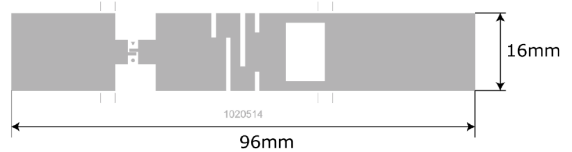
## IC Specifications

- IC Protocol: ISO 18000-6C
- ISO Typical Frequency: 860-960 MHz
- Chip: Impinj Monza R6-P
- User Memory: 64bit max.

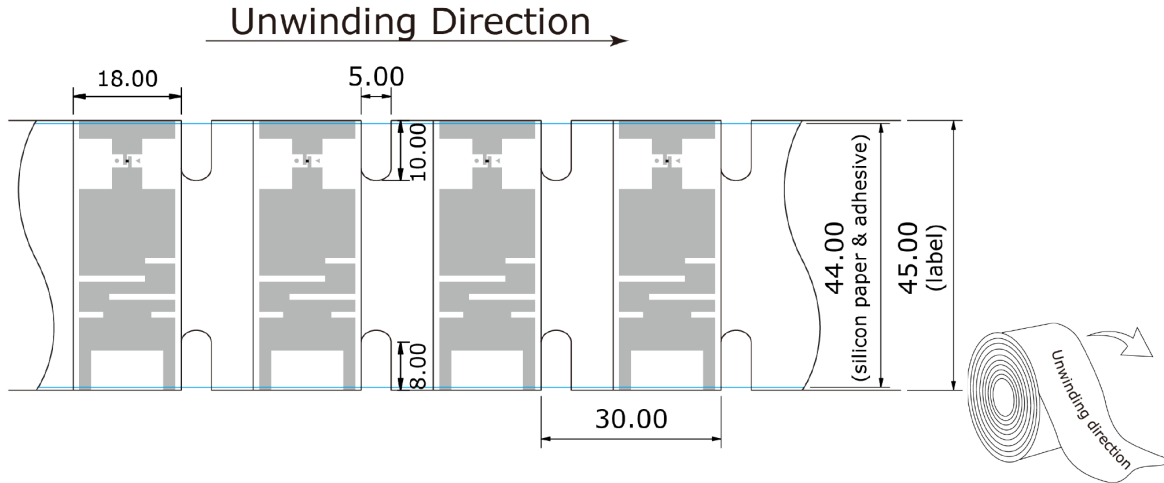
- Chip Part No.: IPJ-W1700-K00
- Operating Temperature: -40°C/+85°C
- Storage Temperature: -40°C/+85°C

## Antenna Design

Top: Aluminum/10 μm  
Substrate: PET/50 μm



## Layout and Dimensions (mm)



## Construction (Thickness: mm ; Total: +/- 10%)

0.075		Matte White PP with adhesive(CXBRH9SDRS)
0.063	chip	Inlay
1.1		Foam(3M1600T)
0.06		AL+PET
0.07		Low VOC Transfer Tape(TFV-502)
0.11		Low VOC Silicon Paper(TFV-502)

## Product Parameter

Parameters	Characteristics
Tail	1 m leading silicon paper at the beginning and ending of roll
Defectives	NA.
Yield	≥ 99 %



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## Package information

### Size

Core internal Diameter: <u>76.2</u> ± <u>1</u> mm	- 1 roll/inner case 2 gaskets $\Phi$ 245*3mm	- <u>5</u> inner /master ctn
Core Thickness: <u>6</u> ±1mm	Length: <u>250</u> mm	Length: <u>270</u> mm
Quantity / Roll:	Width : <u>250</u> mm	Width : <u>270</u> mm
<u>500</u> pcs Good	Height: <u>58</u> mm	Height: <u>330</u> mm
Roll External Diameter: ≤ <u>250</u> mm		
Joints: Below 4 times joints per roll(excluding 2 leading joints) Yellow high temperature resistance tape(ZH-PI590) ,the width is 25 mm		