



耕興股份有限公司  
SPORTON INTERNATIONAL INC.

# Specification for Approval

Customer : 虹堡科技股份有限公司

Part Description : Antenna type Loop

SPORTON Part No. : SGRP-0.7x108.02x3-S

Customer Part No. : 311600329000

Issued Date : 2025/12/15

Weight : 3.0g

PURCHASER CONFIRMED

| DRAWN BY    | CHECKED BY   | APPROVED BY   |
|-------------|--------------|---------------|
| <i>Tina</i> | <i>Roger</i> | <i>Morris</i> |

☐ 耕興股份有限公司

新北市汐止區新台五路一段 106 號 B 棟 6 樓

TEL: +886-2-2696-2468

☒ 耕興股份有限公司 (零件事業部)

新北市中和區建康路 8 號 1 樓

TEL: +886-2-2222-0288

☐ 深圳耕興電子科技有限公司

深圳市南山區西麗新圍石嶺工業區 5 棟 2 樓

TEL: : +86-075586566057

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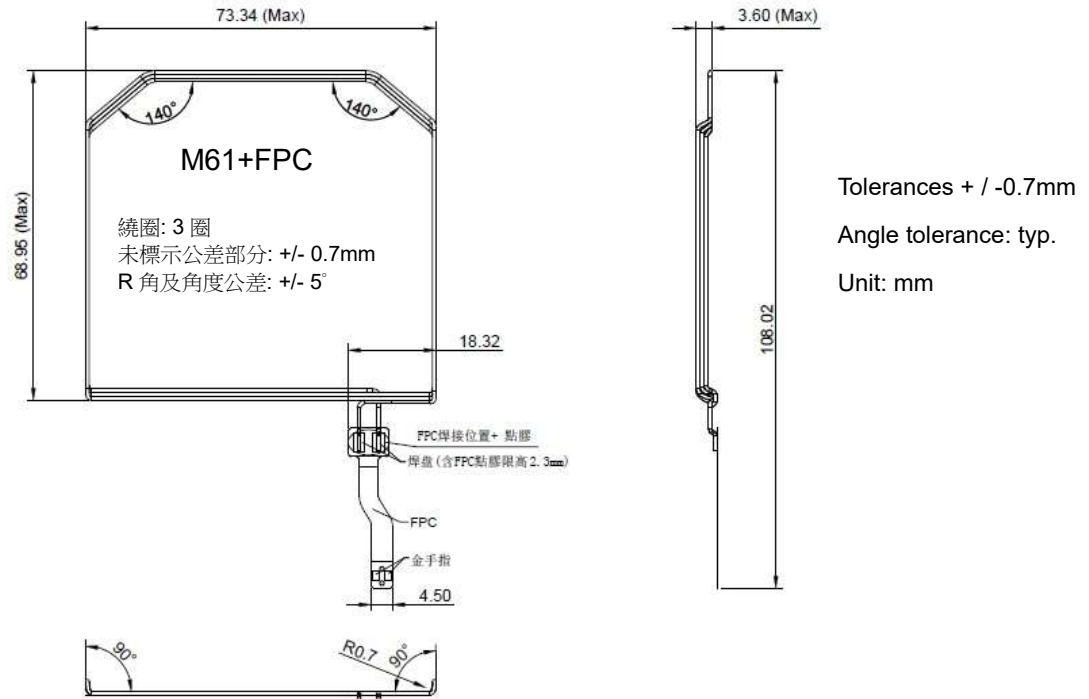
# SGRP-0.7x108.02x3-S Specification

## Antenna type Loop

### APPLICATION

1. NFC Antenna can be used for data loggers transport and Industrial data collection,
2. Antenna type : Loop

### 1. Shapes and Dimension



- a、magnet wire : 0.7mm。
- b、Wound coil 3 laps。
- c、magnet wire : Self-Bonding Magnet Wires。

### 1-1、Measurement Description See Note 1

### 2. Specification

Ls= 2.10uH (±10%) Q= 25(min.)

Test Ls & Q Freq.:13.56MHz

Test Temp.:25 ±3°C

### 3. Operating Temperature Range

-40°C to +105°C

### Note 1

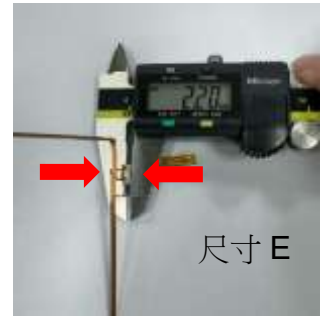
When measuring this product, please use your fingers Flatten measuring



尺寸 C



尺寸 D



尺寸 E

Measurement Point, refer to the following Picture



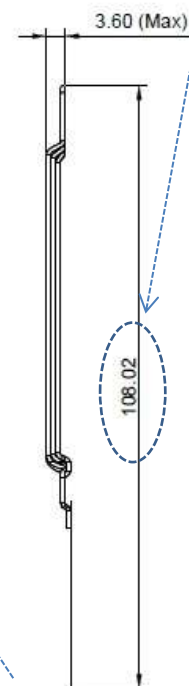
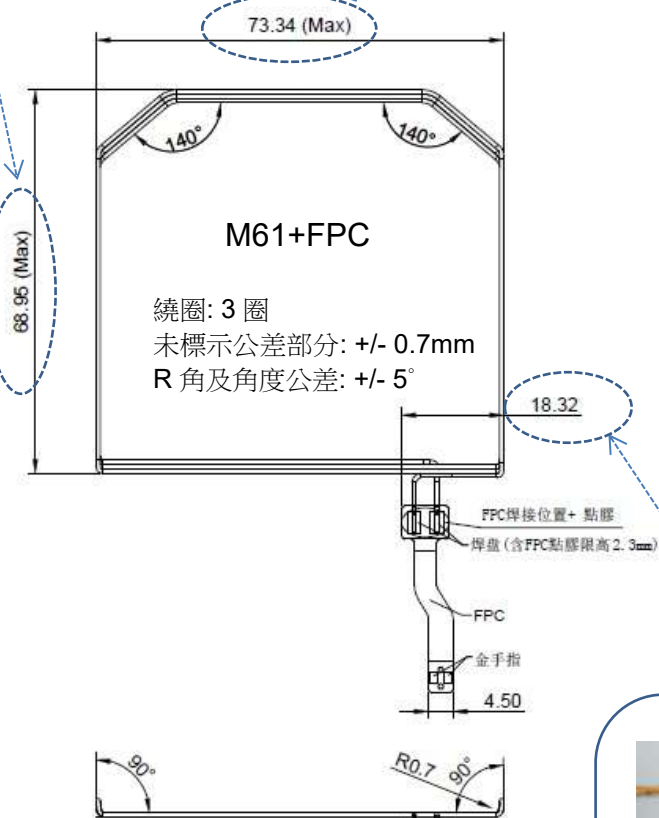
尺寸 B



尺寸 A



尺寸 F



尺寸 G

4. Packing and Quantity



1 盤=90pcs



2 盤 x1 盒=180pcs



4 盒\*1 箱=720pcs