



**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 :** Air Coil  
Ls=910nH Q=70(min.)

**SPORTON Part No. :** SGR-0.75x84.96x2-S

**Customer Part No. :**

**Issued Date :** 2018/12/13

**Revision :** V1.1

<b>PURCHASER CONFIRMED</b>

<b>DRAWN BY</b>	<b>CHECKED BY</b>	<b>APPROVED BY</b>
<i>Tina</i>	<i>Roger</i>	<i>Chs</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)  
新北市中和區建一路 186 號 14 樓之 2  
TEL: +886-2-82272020

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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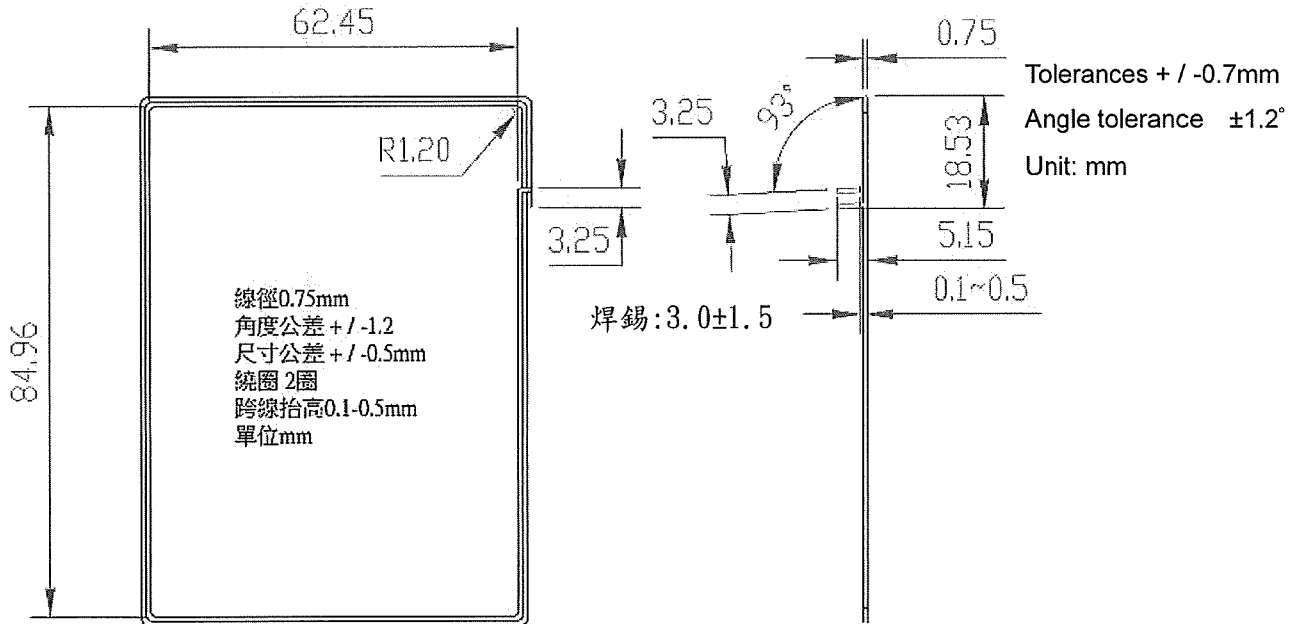


# SGR-0.75x84.96x2-S Specification

## APPLICATION

NFC Antenna can be used for data loggers transport and Industrial data collection.

### 1. Shapes and Dimension



- a、magnet wire : 0.75mm ◦
- b、Wound coil 2 to 4(The following picture is 2 laps) ◦
- c、magnet wire : Self-Bonding Magnet Wires ◦

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

### 2. Specification

Ls=910nH (±10%) Q=70(min.)

Test Ls & Q Freq.:13.56MHz

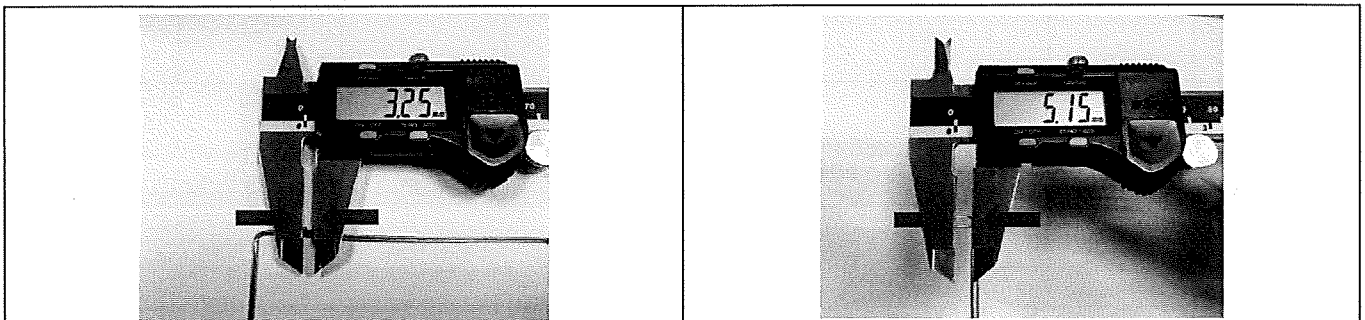
Test Temp.:25 ±3°C

### 3. Operating Temperature Range

-40°C to +105°C

#### Note 1

Measurement Point, refer to the following Picture



When measuring this product, please use your fingers Flatten measuring

