



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. :

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PURCHASER CONFIRMED

DRAWN BY	CHECKED BY	APPROVED BY
<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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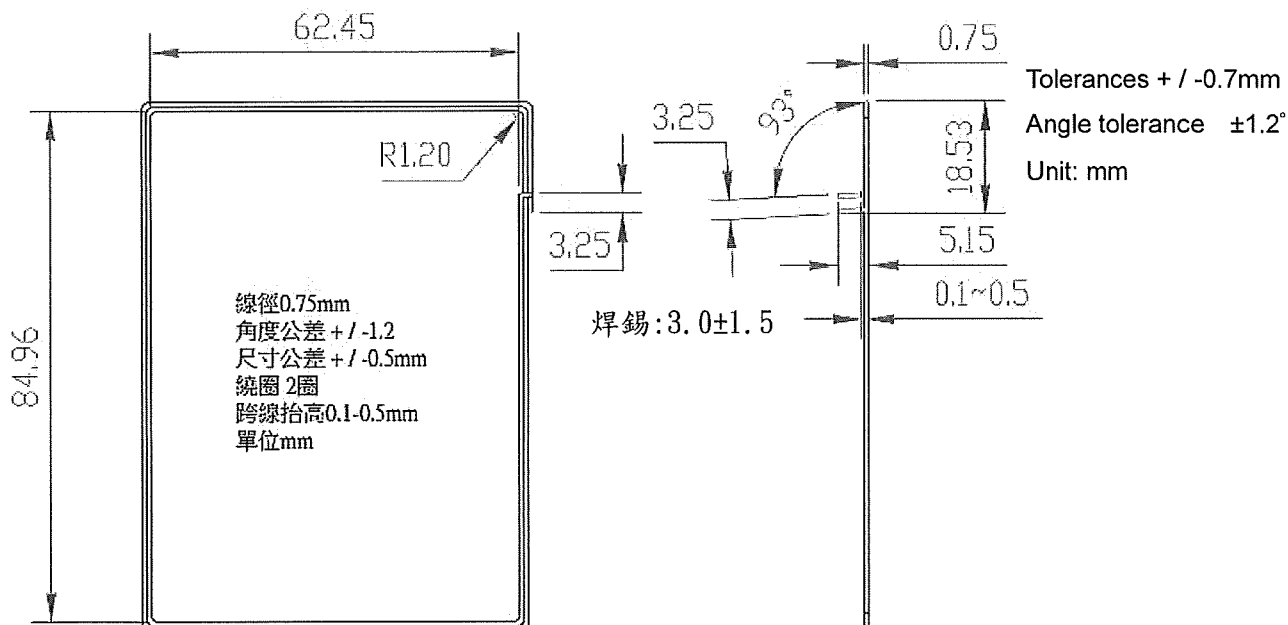
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SGR-0.75x84.96x2-S Specification

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 ($\pm 10\%$) Q=70(min.)

Test Ls & Q Freq.:13.56MHz

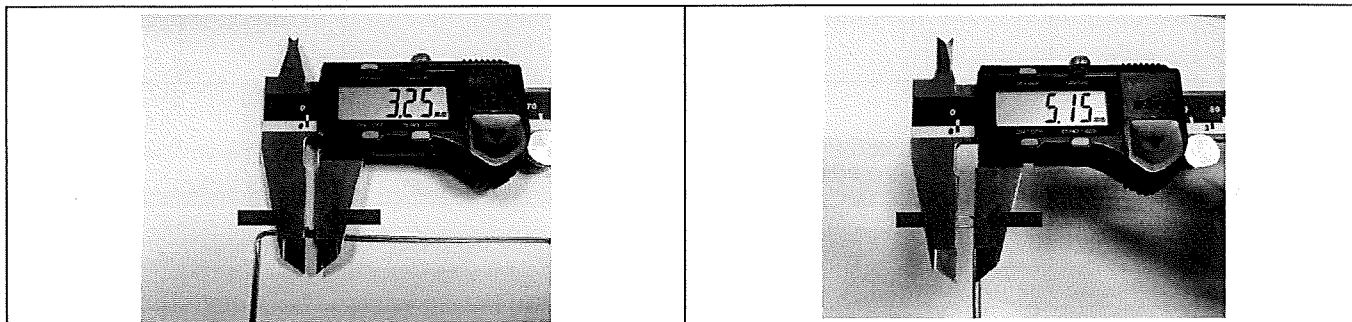
Test Temp.:25 $\pm$ 3 $^\circ$ C

3. Operating Temperature Range

-40 $^\circ$ C to +105 $^\circ$ C

Note 1

Measurement Point, refer to the following Picture



When measuring this product, please use your fingers Flatten measuring

