



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

SPORTON Part No. : SGR-0.75x68.3x2-S

Customer Part No. : 311600220000

Issued Date : 2023/01/30

PURCHASER CONFIRMED

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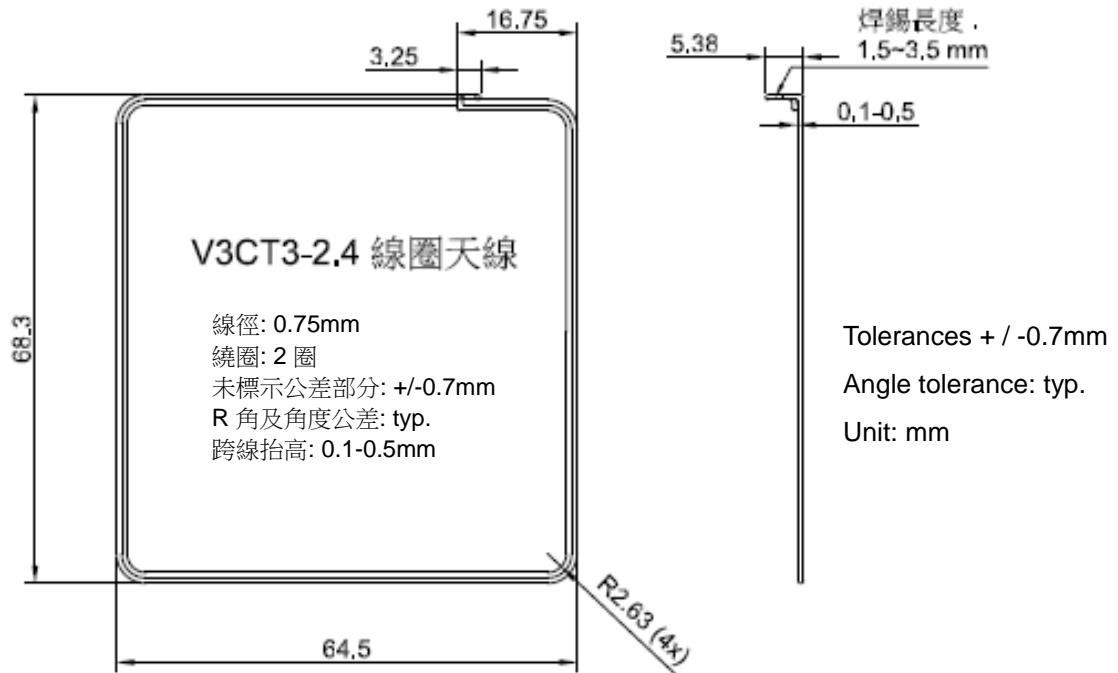
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SGR-0.75x68.3x2-S Specification

APPLICATION

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



1. Shapes and Dimensions

- a、magnet wire : 0.75mm。
- b、Wound coil 2 laps。
- c、magnet wire : Self-Bonding Magnet Wires。

1-1、Measurement Description See Note 1

2. Specification

Ls=765nH ($\pm 10\%$) Q=50(min.)

Test Ls & Q Freq.:13.56MHz

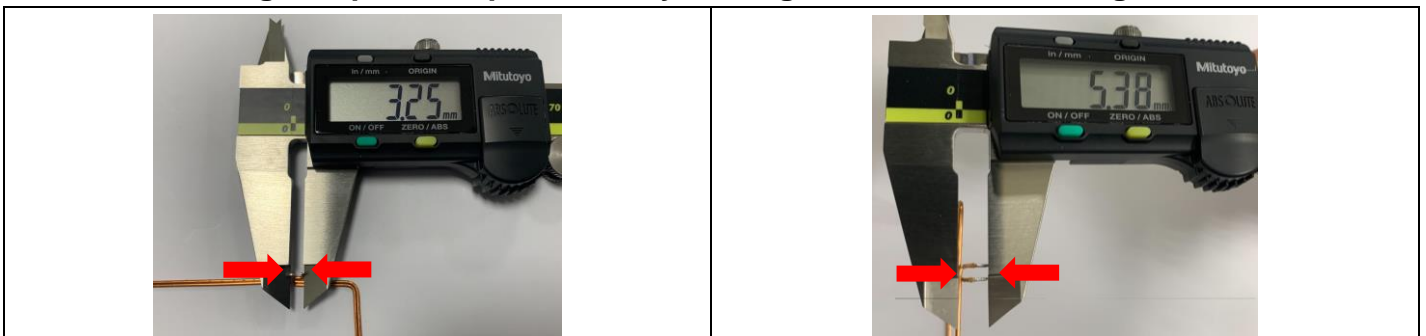
Test Temp.:25 $\pm 3^\circ\text{C}$

3. Operating Temperature Range

-40 $^\circ\text{C}$ to +105 $^\circ\text{C}$

Note 1

When measuring this product, please use your fingers Flatten measuring



Measurement Point, refer to the following Picture

