



# RFID/NFC FPC, ANT, 13.56MHZ, FERRITE, ROUND

**Part Number: L000642-01**

The **L000642-01** is an NFC (Near Field Communications) antenna designed for high-performance two-way read/write operations at 13.56 MHz.

The compact, flexible antenna is supplied with adhesive backing for ease of installation. It can be mounted inside a plastic device enclosure or on an internal battery. The ferrite bottom increase the antenna reading distance to maximize overall performance.

## FEATURES & BENEFITS

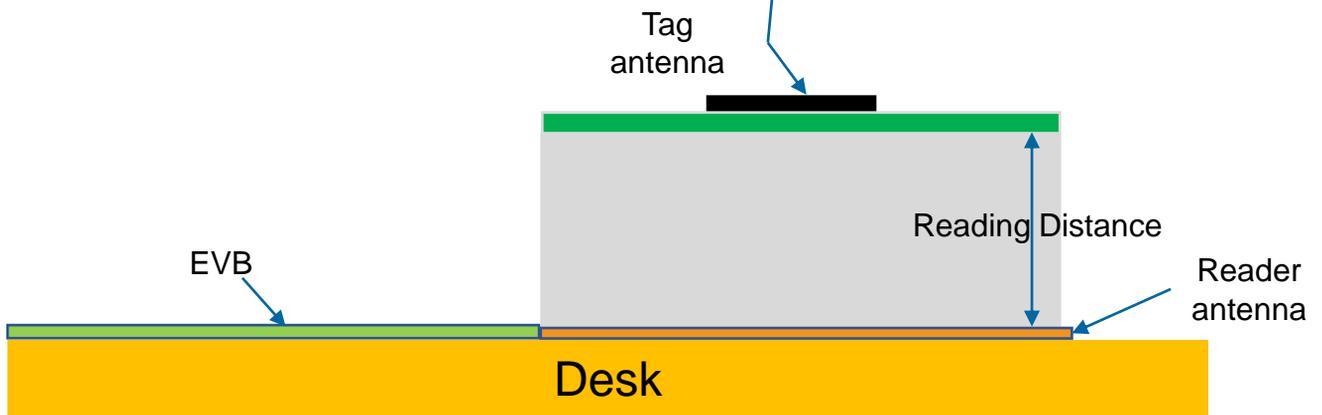
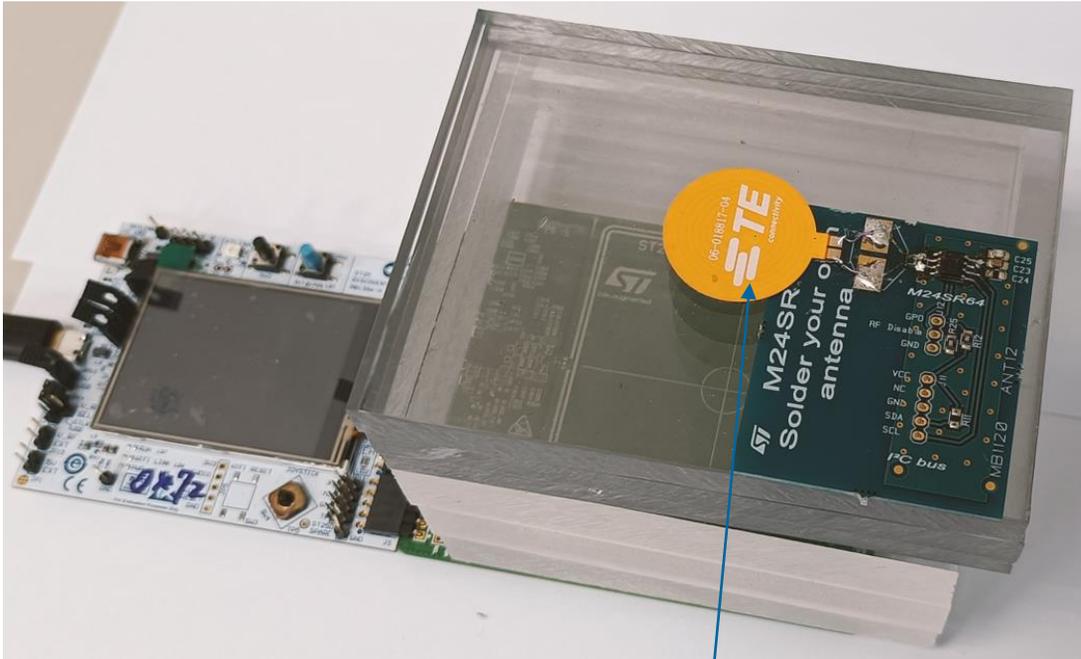
- Frequency **13.56MHz**
- Universal antenna module assembly
- Antenna bottom with ferrite to increase the performance
- Low-profile
- Flexible embedded antenna
- Peel and stick adhesive application
- Higher reading distance than competition

## SPECIFICATIONS

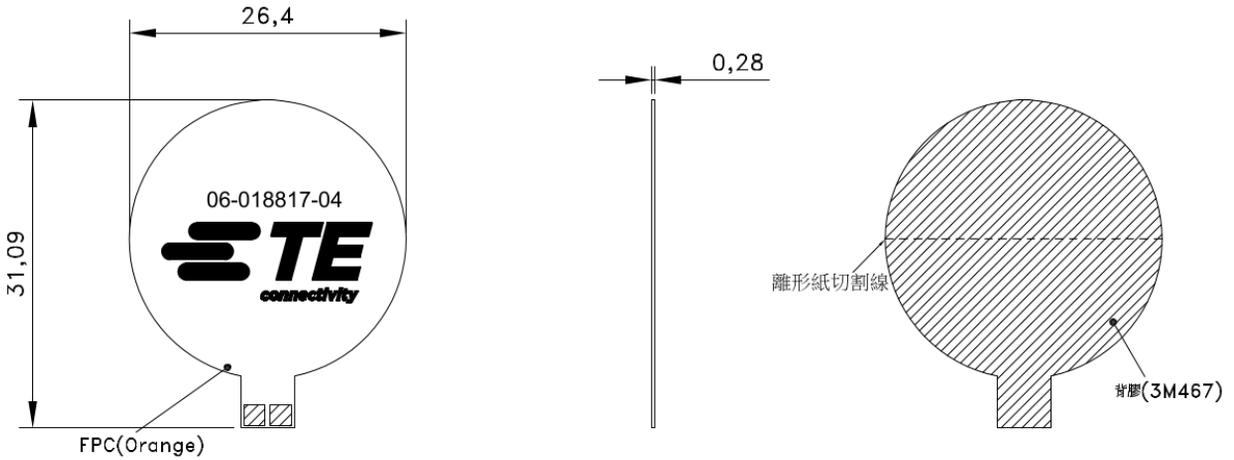
|                       |  |
|-----------------------|--|
| Frequency Range       | 13.56 MHz  |
| Self inductance (La)  | 1 uH   |
| RDC                   | 1 Ohm  |
| Read Distance         | 57 mm  |
| Size                  | 31 mm x 26 mm x 0.28 mm  |
| Weight                | <0.1 g   |
| Operating Temperature | -40 to +85°C   |
| Storage Temperature   | -40 to +85°C   |
| Hazardous Materials   | A certificate of conformance is available from the product page on TE website. |

## TEST SETUP

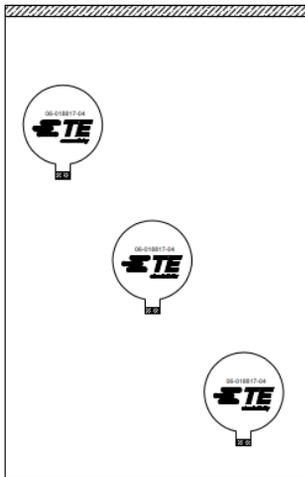
EVB MB1414 board



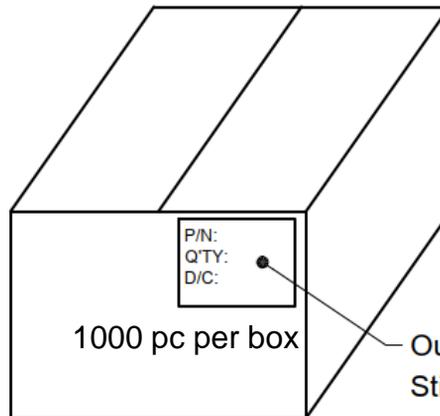
## DIMENSIONS



## PACKAGING



50PCS Antenna Per bag and seal  
(每包50支天線並封口)



1000 pc per box

Outside the carton:  
Stick the label on the side mark  
(將標籤黏貼於外箱側麥)

## TE TECHNICAL SUPPORT CENTER

|                   |                       |
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08/2023