



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

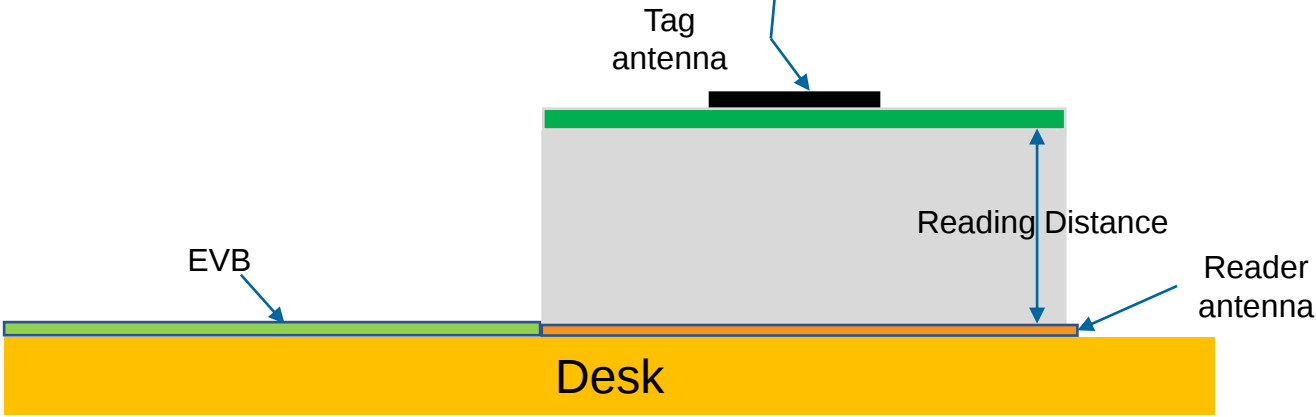
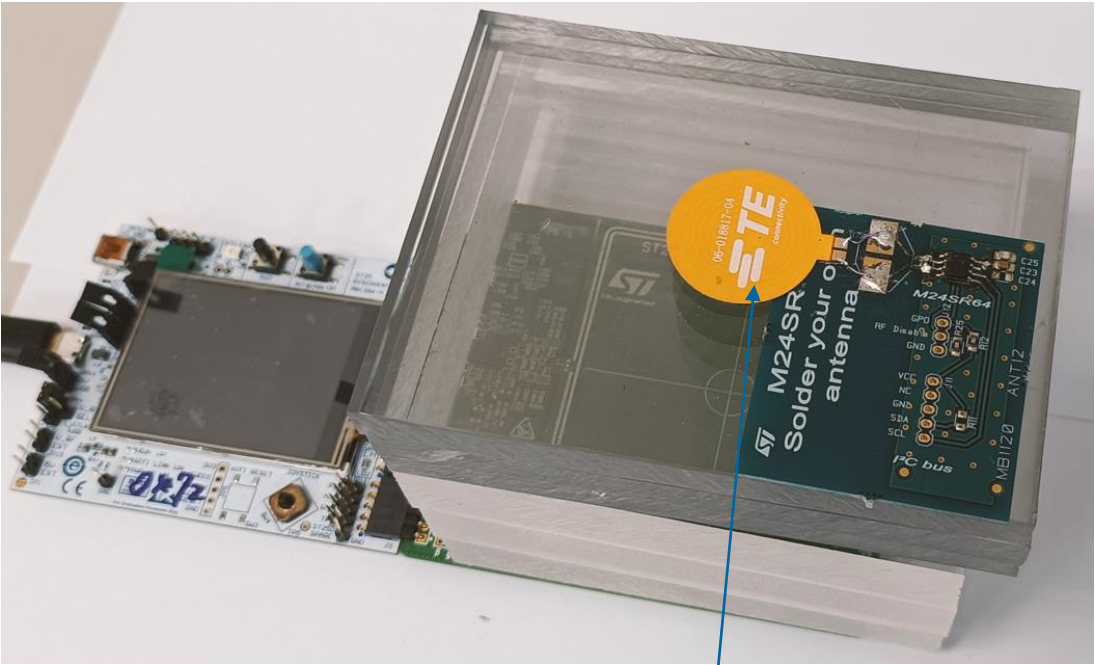
- Frequency **13.56MHz**
- Universal antenna module assembly
- Antenna bottom with ferrite to increase the performance
- Low-profile
- Flexible embedded antenna
- Peel and stick adhesive application
- Higher reading distance than competition

SPECIFICATIONS

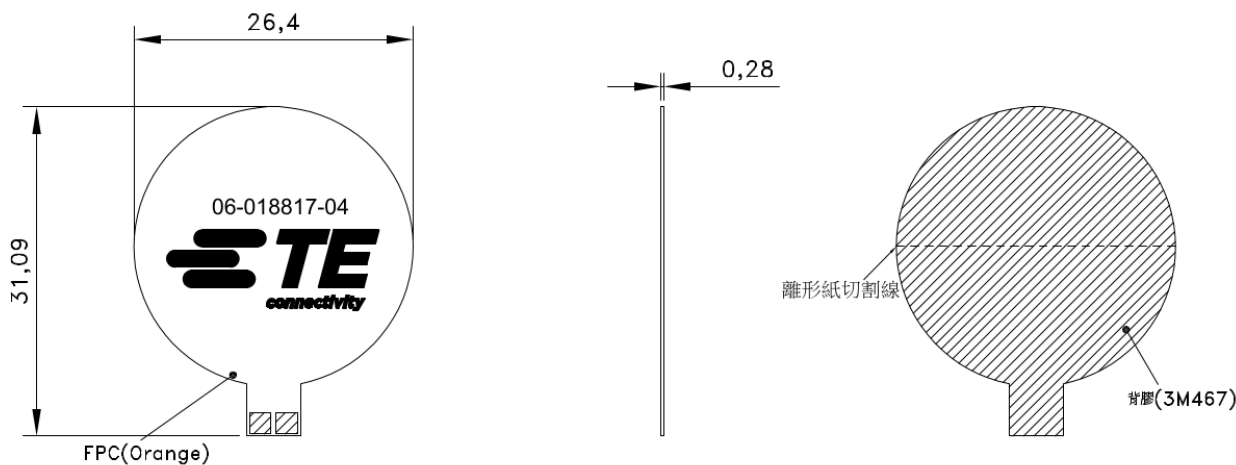
Frequency Range	13.56 MHz
Self inductance (La)	1 uH
RDC	1 Ohm
Read Distance	57 mm
Size	31 mm x 26 mm x 0.28 mm
Weight	<0.1 g
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Hazardous Materials	A certificate of conformance is available from the product page on TE website.

TEST SETUP

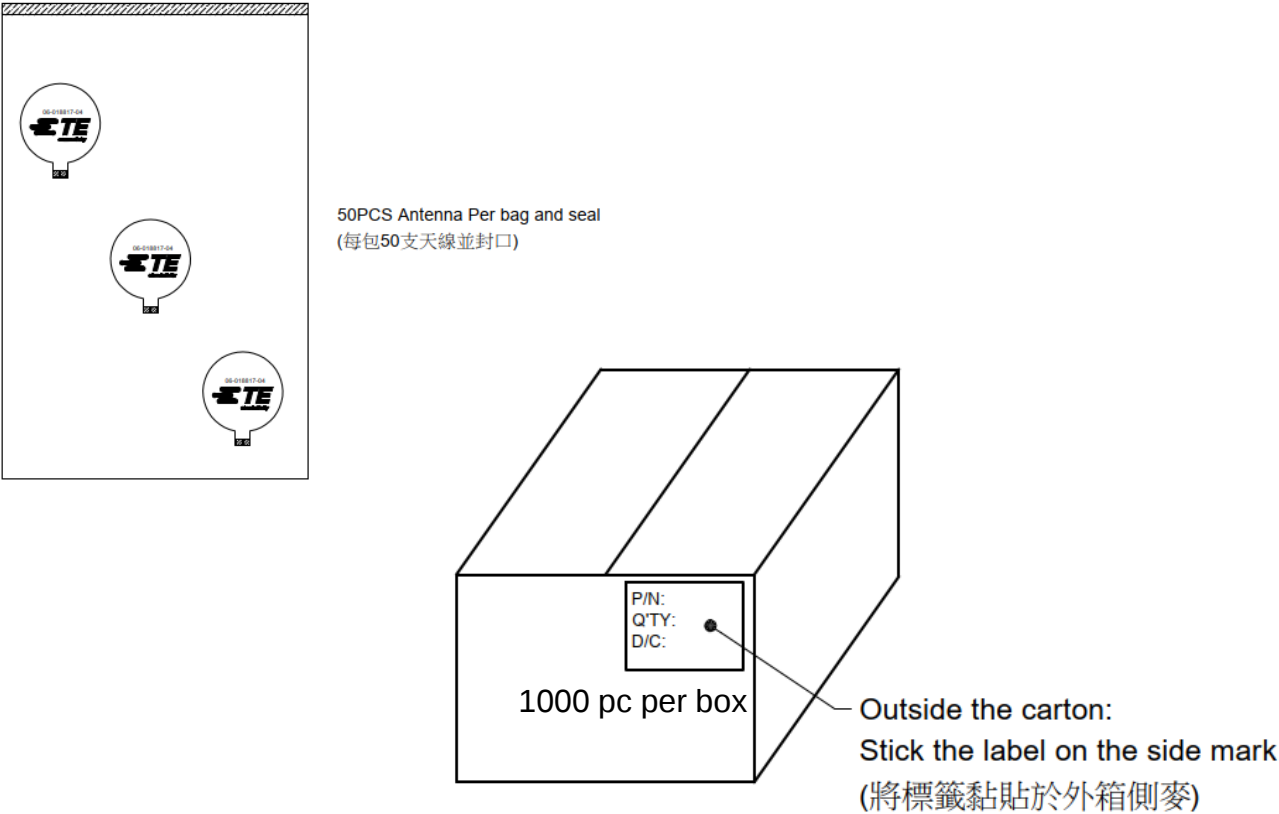
EVB MB1414 board



DIMENSIONS



PACKAGING



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