



RFID/NFC FPC ANT, 100mm, 28AWG, RECT, 13.56MHz

Part Numbers: L000644-01

The **L000644-01** is an NFC (Near Field Communications) antenna designed for high performance two-way read/write operations at 13.56MHz.

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. This version comes with 100mm Twisted Pair 28AWG cable with a HRS connector to allow for installation flexibility.

FEATURES & BENEFITS

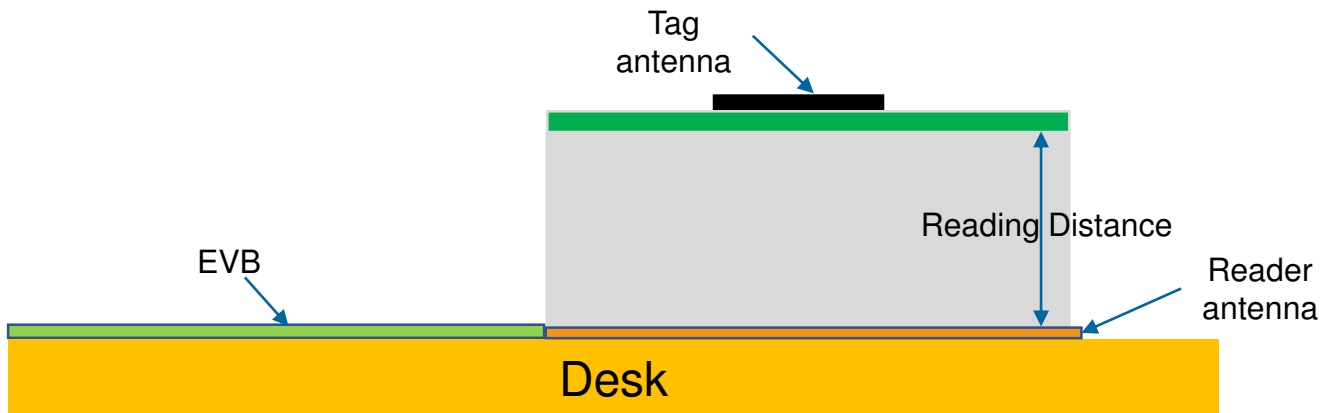
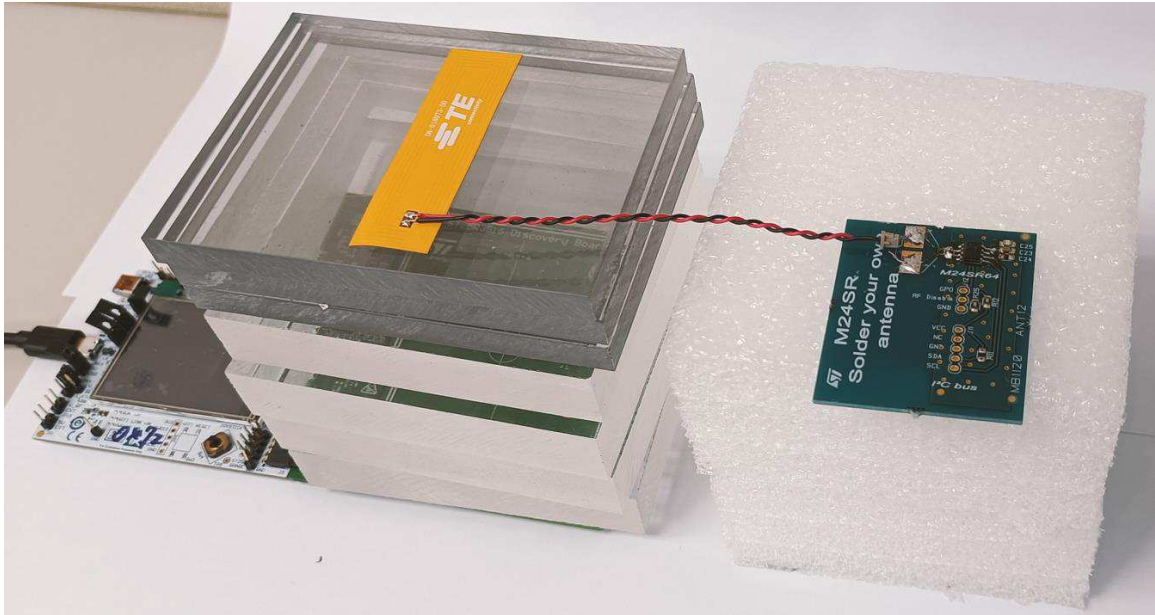
- Frequency **13.56MHz**
- Universal antenna module assembly
- Low-profile
- Flexible embedded antenna
- Higher reading distance than competition
- Peel and Stick adhesive application
- 100mm or custom twisted pair pigtail with HRS connector

SPECIFICATIONS

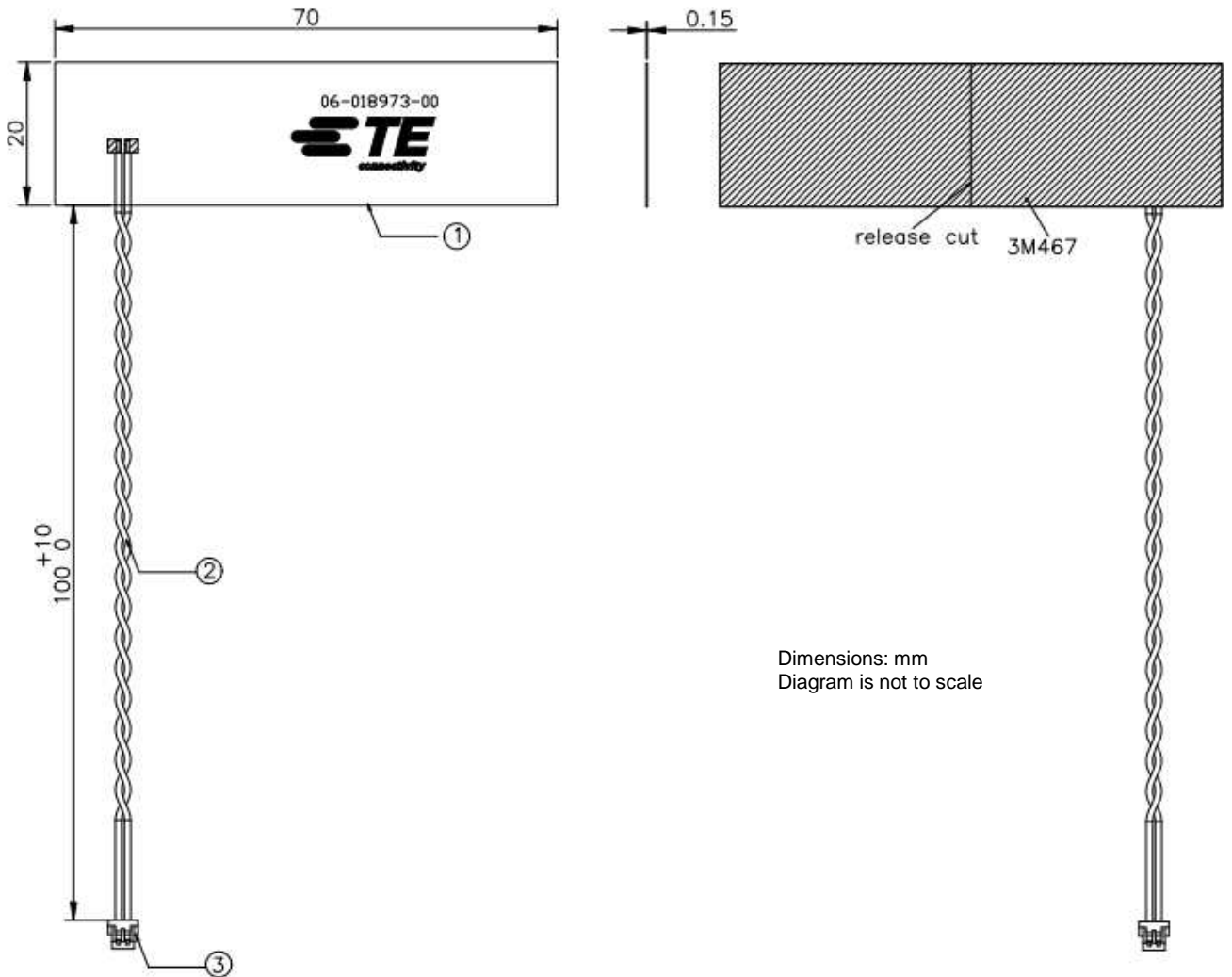
Frequency Range	13.56 MHz
Self inductance (La)	2 uH
RDC	2 Ohm
Reading Distance	88 mm
Size	70 mm x 20 mm x 0.15 mm
Weight	<1 g
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Hazardous Materials	A certificate of conformance is available from the product page on TE website.

TEST SETUP

EVB MB1414 board





DIMENSIONS

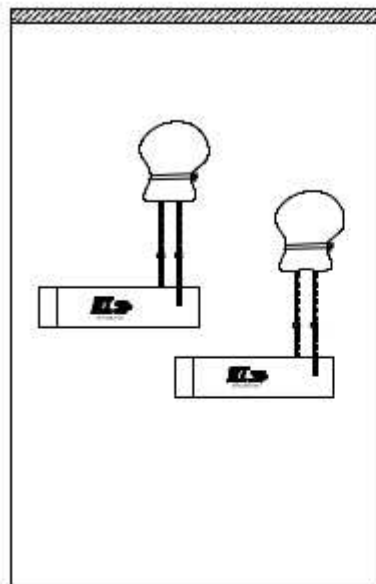


1	HRS CONN.	3
1	CABLE	2
1	FPC	1
QTY	DES	ITEM

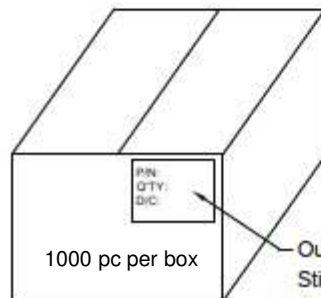
MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

L000644-01	100	3.937	28 AWG	Wire to Board	On antenna : Compatible with TE PN# 440146-2 1.25mm WTB Socket	
					Mapping : TE PN# 1734260-2 1.25mm WTB HDR	
PART	MM	INCH	CABLE	CONNECTOR TYPE	PART NUMBER	IMAGE
NUMBER	CABLE LENGTH(A)			(ON CABLE)	MATING COMPONENTS	

PACKAGING



10PCS Antenna A Bundle
50PCS Antenna Per bag and seal
(10支天線綁一束, 每包50支天線並封口)



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

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