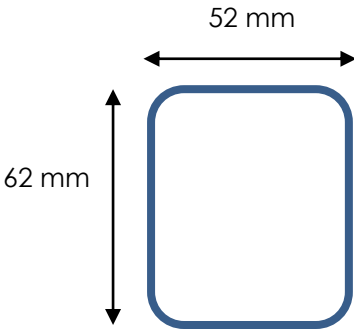
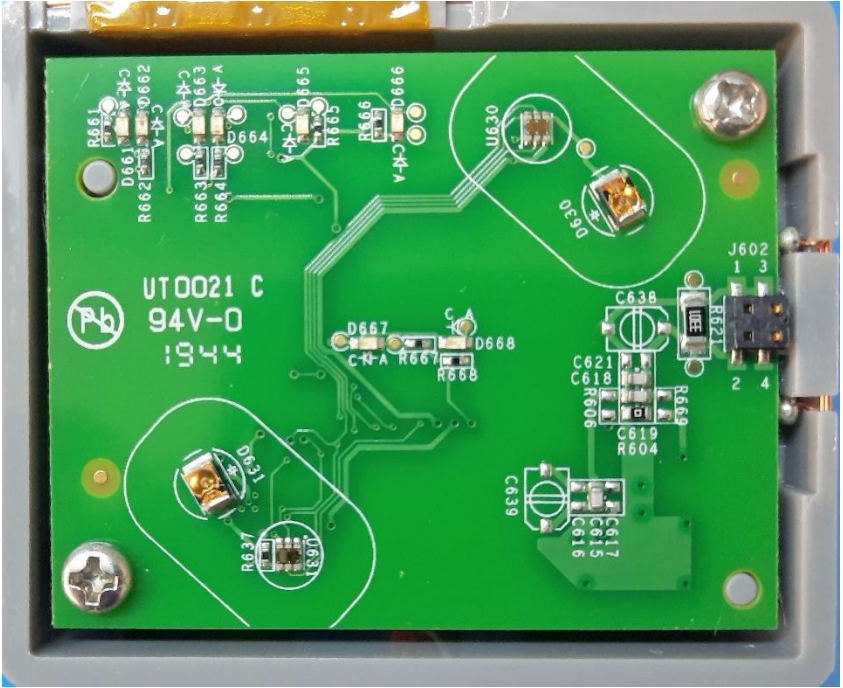
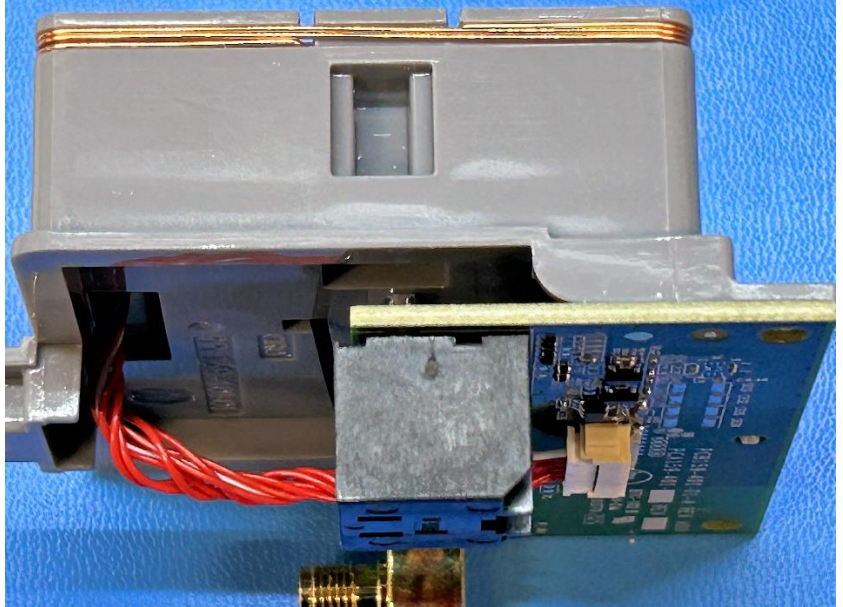


Datasheet UX401 ANTENNA

Manufacturer information	Manufacturer name	Verifone, Inc
	Brand	Verifone
	Logo	
	Address	Verifone, Inc. 88 West Plumeria Drive San Jose, CA, 95134 USA www.verifone.com
Antenna identification	Model	UX401
	Description	The UX401 is Verifone's contactless acceptance peripheral device, designed to connect with the UX301 unit
Antenna information	Operating frequency	13.56 MHz
	reader reference standard	ISO/IEC 14443 type A&B, ISO 18092, MiFare / DESfire, FeliCa, PayPass, PayWave.
	Typology	Rectangular loop antenna made of nr. 3 loops with size: 66,0 mm x 51,9mm
	Constituent materials	Copper wire
	Impedance	50 Ohm (at SMA connector)
	Antenna connector	SMA
	Shape details with dimensions	 52 mm 62 mm
Enclosure mechanical characteristics	External Dimension	Length: 100 mm Width: 96 mm Depth: 47,5 mm
	Weight	142 g
Certification	IC ID (ISED, Canada)	787C-UX301
	FCC ID (USA)	B32UX401CTLS

	Internal Front view	 A top-down view of a green printed circuit board (PCB) mounted inside a grey plastic housing. The board is populated with various electronic components including resistors (e.g., R661, R662, R663, R664, R665, R666, R667, R668, R669, R604), capacitors (e.g., C621, C618, C606, C619, C617, C615, C616, C639), diodes (e.g., D661, D662, D663, D664, D665, D666, D667, D668, D631, D637), and integrated circuits (e.g., U630, U631). A circular logo with the letters 'Pb' is visible on the left side. The text 'UT0021 C', '94V-0', and '1944' is printed on the board. A multi-pin connector labeled J602 is located on the right edge.
Antenna	Loo antenna	 A view of the green PCB from the perspective of the antenna, showing the layout of components and the antenna structure itself. The board is housed in a grey plastic enclosure.
	Internal view	 A side-view photograph of the device's internal components. It shows the grey plastic housing, a blue PCB, and a bundle of red wires connected to a component. A metal heat sink is also visible.