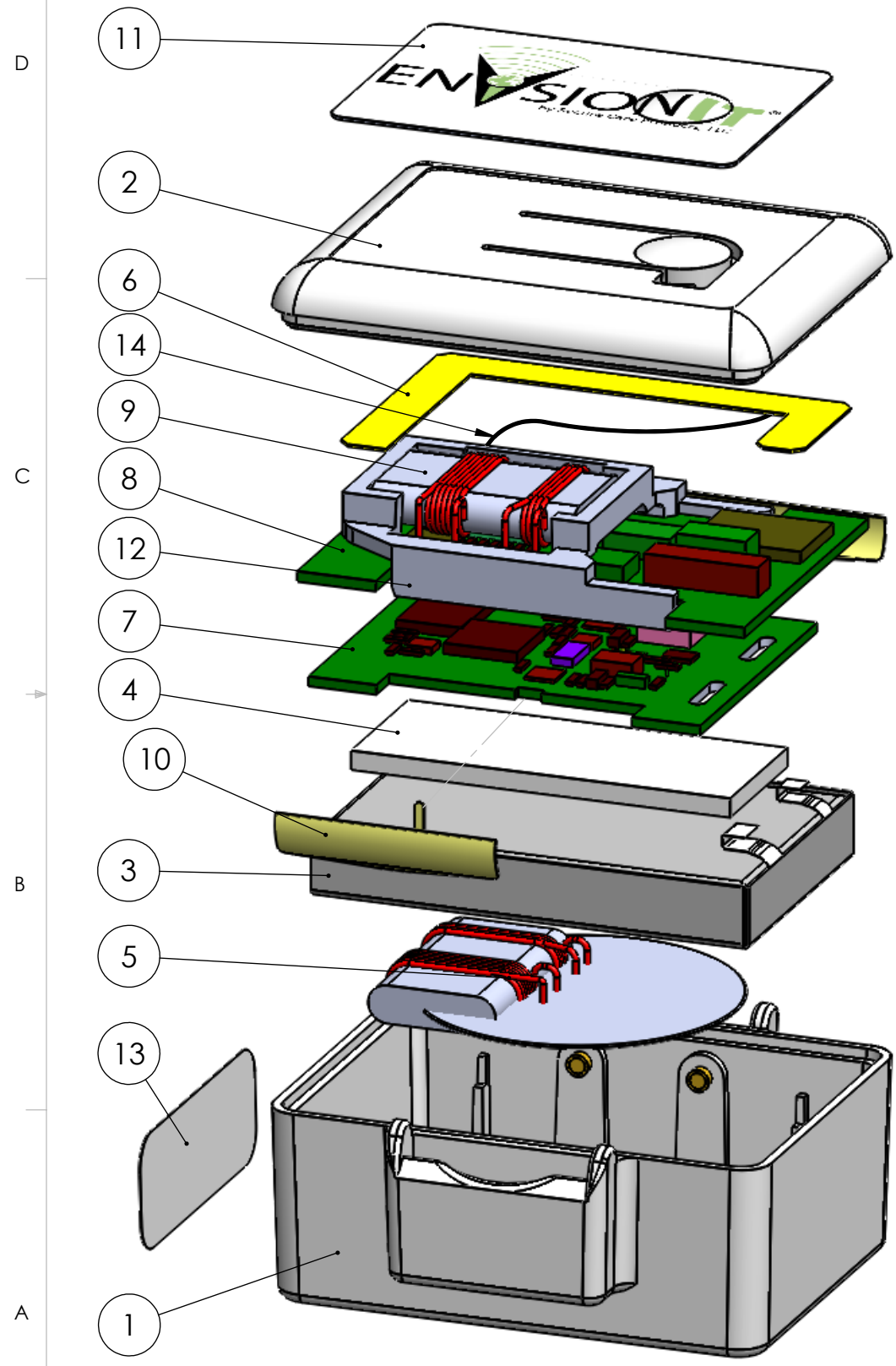


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	01	DOCUMENT CONTROL RELEASE	10/8/14	CS
	02	CHANGE TO ASSEMBLY INSTRUCTIONS, ECO11986	3/18/16	CS
	03	ADD FCC ID TO LABEL NOTE ON BOM, PER ECO12112	7/20/16	CS



**ASSEMBLY INSTRUCTIONS:**

**STEP 1-** PLACE CIRCULAR FOAM TAPE (ITEM 5) ON THE BOTTOM OF THE BASE (ITEM 1) CENTERED ALONG THE WIDTH BUT SPACED APART ALONG THE LENGTH, AS SHOWN.

**STEP 2-**

- SOLDER CONTACTS (ITEM 10) TO THE BOTTOM PCB (ITEM 7) IN THE ORIENTATION SHOWN USING THE SOLDERING FIXTURE (SEE PAGE 2 FOR ORIENTATION AND INSTRUCTIONS)
- ATTACH BATTERY (ITEM 4) TO THE BOARD BY INSERTING TABS THROUGH THE SLOTS FROM THE BOTTOM OF THE BOARD, FOLDING TABS ONTO THE SOLDERING PAD, AND SOLDERING IN PLACE. FOAM TAPE (ITEM 4) SHOULD BE ATTACHED TO THE TOP OF THE BATTERY (SEE PAGE 2 FOR BATTERY FOLDING INSTRUCTIONS)
- STICK COPPER FOIL ANTENNA (ITEM 6) ONTO INSIDE OF THE PLASTIC COVER. PLACE PIECE OF FOAM TAPE OVER LONG END OF COPPER ANTENNA. SOLDER WIRE FROM PAD ON CONTROL BOARD TO COPPER FOIL ANTENNA ON COVER.
- SNAP THE TWO BOARDS TOGETHER (ITEM 7, ITEM 8) IN THE ORIENTATION SHOWN.
- SLIP THE BATTERY AND BOARD ASSEMBLY INTO THE BASE SO THAT THE SWEEP FEATURE ON THE CUTBAND CONTACTS SLIDE ALONG THE INSERTED PINS IN THE BASE. THESE SWEEPS SHOULD BE MAKING CONTACT WITH EACH OF THE 4 PINS

**STEP 3-** STICK COPPER FOIL ANTENNA (ITEM 6) ONTO THE INSIDE OF THE PLASTIC COVER, AND PLACE THE COVER (ITEM 2) ON THE ASSEMBLY AND WELD ASSEMBLY TOGETHER.

**STEP 4-** WHEN TRANSMITTER IS SWITCHED ON, PLACE LABEL (ITEM 11) ON THE COVER MAKING SURE TO PRESS DOWN FIRMLY ALL AROUND TO PREVENT ANY LEAKS

**STEP 5-** PLACE APPROPRIATE BARCODE LABEL (ITEM 13) ONTO THE SIDE OF THE TRANSMITTER IN THE LOCATION SHOWN.

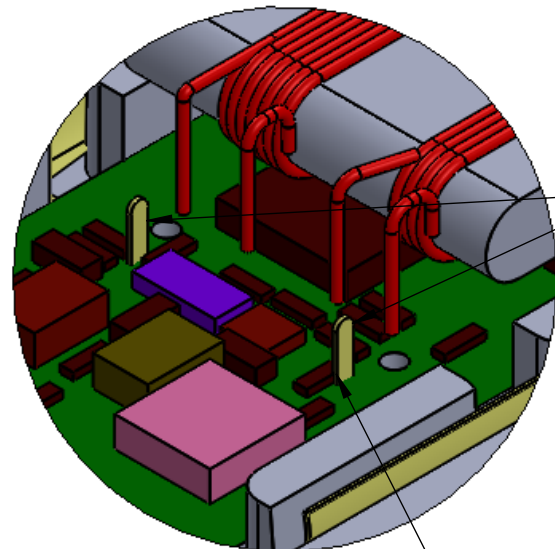
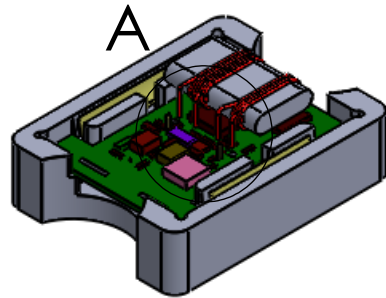


ITEM NO.	DESCRIPTION	QTY.
1	PLASTIC BASE	1
2	COVER PLASTIC	1
3	3.0V THIN CELL BATTERY	1
4	FOAM TAPE	1
5	CIRCULAR FOAM TAPE	1
6	COPPER FOIL ANTENNA	1
7	RTL CONTROL BOARD	1
8	RTL UWB BOARD	1
9	FLAT FERRITE RM X 2 .42 X .670	2
10	INNER CUTBAND CONTACT	2
11	ENVISIONIT LABEL	1
12	RTL ANTENNA POSITIONING CRADLE	1
13	BARCODE LABEL/FCC ID	1
14	BLACK WIRE	1

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UNLESS OTHERWISE SPECIFIED: <b>DIMENSIONS ARE IN INCHES</b> TOLERANCES: 2 PLACE DECIMAL ±.010 3 PLACE DECIMAL ±.005 4 PLACE DECIMAL ±.002 ANGLES = ±0.5° DO NOT SCALE DRAWING REMOVE ALL BURRS AND SHARP EDGES		NAME: J.DIXON DATE: 10/8/14 CHECKED: C.STEVENS DATE: 10/8/14 ENG APPR. MFG APPR. Q.A. COMMENTS:	SECURE CARE PRODUCTS, LLC 39 CHENELL DR. CONCORD NH 03301 <b>TITLE: RTL CUTBAND TRANSMITTER</b>
NEXT ASSY	USED ON	SIZE: <b>B</b> DWG. NO.: <b>D20450930</b> SCALE: 1:1	REV: <b>03</b> WEIGHT: SHEET 1 OF 2
APPLICATION	DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION	

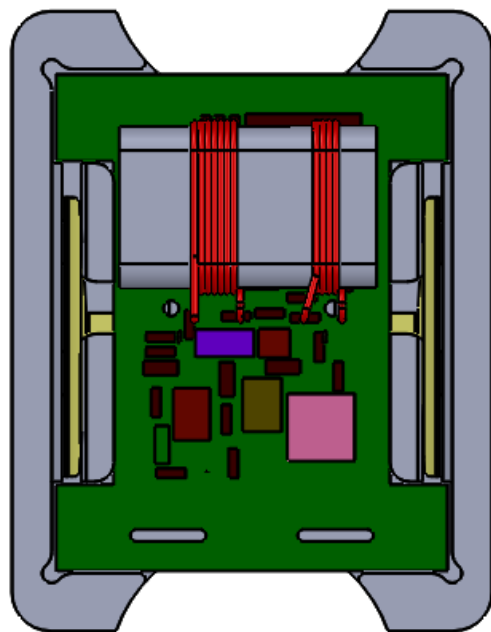
## STEP 2.1



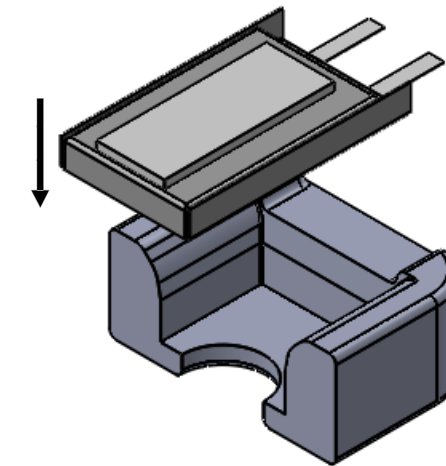
SOLDER PINS OF CUTBAND CONTACTS TO BOARD AS SHOWN

DETAIL A  
SCALE 4 : 1

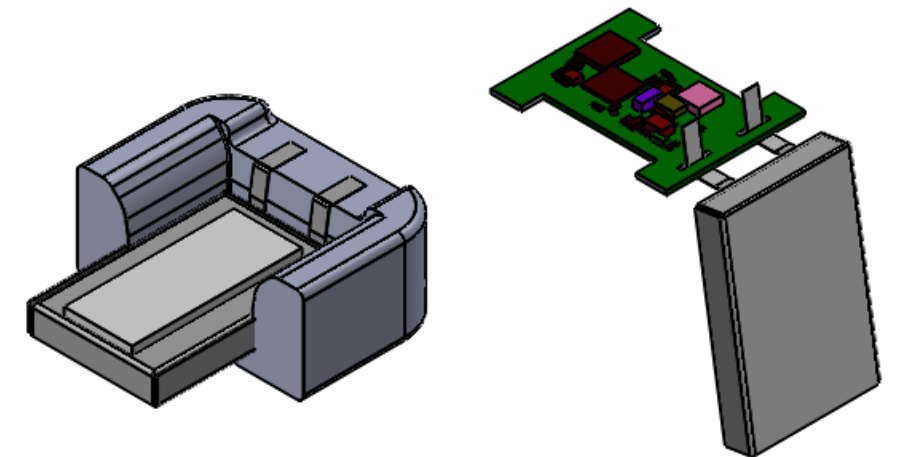
THE TIP OF THE PIN MAY NEED TO BE TRIMMED IF THERE IS ANY INTERFERENCE WITH THE MATING TOP BOARD



## STEP 2.2



PRESS BATTERY FIRMLY INTO BATTERY FOLDING FIXTURE



ONCE THE BATTERY IS IN PLACE, FOLD THE TABS OVER THE EDGE OF THE FIXTURE AS SHOWN. THIS FOLD WILL BE WHERE THE PCB BOTTOMS OUT WHEN SOLDERING TO THE BATTERY.

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		UNLESS OTHERWISE SPECIFIED:		NAME		DATE		SECURE CARE PRODUCTS, LLC 39 CHENELL DR. CONCORD NH 03301	
		DIMENSIONS ARE IN INCHES		DRAWN		J.DIXON		TITLE: RTLS CUTBAND TRANSMITTER	
		TOLERANCES:		CHECKED		C.STEVENS			
		2 PLACE DECIMAL ±.010		ENG APPR.					
		3 PLACE DECIMAL ±.005		MFG APPR.					
		4 PLACE DECIMAL ±.002		Q.A.					
		ANGLES = ±0.5°		COMMENTS:					
		DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION					
		REMOVE ALL BURRS AND SHARP EDGES							
		MATERIAL						SIZE DWG. NO. REV	
		FINISH						<b>B</b> D20450930 03	
NEXT ASSY	USED ON	DO NOT SCALE DRAWING						SCALE: 1:1 WEIGHT: SHEET 2 OF 2	
APPLICATION									