



LABEL DATA & TEST SETUP INFORMATION									
TAG TYPE	ENGINEERING P/N	MODEL NUMBER	SALES P/N	FCC ID	MIN RX%	RSSI MIN	RSSI MAX	PKT RATE MIN	PKT RATE MAX
PLUS	100-0116	2106	2106-W10	ZEH0913	98	90	160	9.0	11

NOTES:

1. WITH PART (1) INSTALL ITEM (10) BETWEEN MOUNTING TABS AS SHOWN.
2. WITH PART (11) INSTALL ITEMS (9) AND (8) AS SHOWN.
3. INSTALL BOTH PROGRAMMED REG. 2 CR80 (2) & REG. 2 HAT (3) AND SET TO THE RIGHT UPDATE RATE. NOTE: ON THE CR80 BOARD DO NOT SOLDER THE + BATTERY LEAD TO THE + VIA PAD UNTIL WIRES ARE ROUTED TO THAT POINT. (4) SOLDER RED 24 GAUGE WIRE TO THE + PAD ON THE HAT AND ROUTE AROUND CR80 BOARD SO THAT WIRE IS BETWEEN BOARD EDGE AND THE PLASTIC HOUSING POSTS TO ENSURE WIRE DOES NOT GET PINCHED WHEN ULTRASONICALLY WELDED. CONTINUE ROUTING THE RED WIRE TO THE TOP SIDE CR80 + BATTERY LEAD AND SOLDER BOTH DOWN TO THE + CR80 VIA PAD. (5) SOLDER BLACK 24 GAUGE WIRE TO THE GROUND PAD ON HAT (NEXT TO TP3) AND ROUTE (BETWEEN D1 & D2 NO-LOAD PARTS ON AREA ON HAT) UNDERNEATH THE RED WIRE AROUND CR80 BOARD SO THAT THE WIRE IS BETWEEN BOARD EDGE AND PLASTIC HOUSING POSTS TO ENSURE WIRE DOES NOT GET PINCHED WHEN ULTRASONICALLY WELDED. CONTINUE ROUTING THE BLACK WIRE UNDERNEATH THE CR80 BOARD TO THE - CR80 VIA PAD AND SOLDER TO THAT POINT UNDERNEATH. (6) INDICATES POSITIVE SIDE OF BATTERY (UP).
4. ULTRASONIC WELD THE HOUSING AND APPLY LABEL THAT CORRESPONS WITH THE TAG THATS ENCLOSED IN THE HOUSING. THE PRINTED LABEL MUST INCLUDE THE MODEL NUMBER AND FCC ID NUMBER AS LISTED IN THE INFORMATION TABLE.

UNLESS OTHERWISE SPECIFIED		NAME	DATE
PRIMARY DIMENSIONS ARE IN MILLIMETERS. TOLERANCES: ANGULAR: MACH $\pm 0.5^\circ$ BEND: $\pm 10^\circ$ ONE PLACE DECIMAL ± 0.3 TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$ FOUR PLACE DECIMAL $\pm .0005$	SECONDARY DIMENSIONS ARE IN INCHES. TOLERANCES: ANGULAR: $\pm 3^\circ$ TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$ FOUR PLACE DECIMAL $\pm .0005$	DESIGNED BY	Joe Anderson 10-22-2013
PROPRIETARY AND CONFIDENTIAL	MATERIAL	DRAWN BY	Shawn Anderson 10/22/2013
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PLUS LOCATION SYSTEMS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PLUS LOCATION SYSTEMS IS PROHIBITED.			COMMENTS:
DO NOT SCALE DRAWING	E-+	3rd ANGLE PROJECTION	SUITES 310 HUNTSVILLE, AL 35806 USA
SIZE	PART NUMBER	REV	PLUS Location Systems
C	100-0116	A	6767 OLD MADISON PIKE NW
SCALE: 1:1	A-04		SHEET 1 OF 1