

TABLE 1		TABLE 2	
PART NUMBER & PART MARKING	"L" DIMENSION (INCHES)	PART NUMBER & PART MARKING	"L" DIMENSION (INCHES)
SN-404-12-03	36	SN-404-24-03	36
SN-404-12-06	72	SN-404-24-06	72
SN-404-12-08	96	SN-404-24-08	96
SN-404-12-10	120	SN-404-24-10	120
SN-404-12-12	144	SN-404-24-12	144
SN-404-12-18	216	SN-404-24-18	216
SN-404-12-20	240	SN-404-24-20	240
SN-404-12-25	300	SN-404-24-25	300
SN-404-12-30	360	SN-404-24-30	360

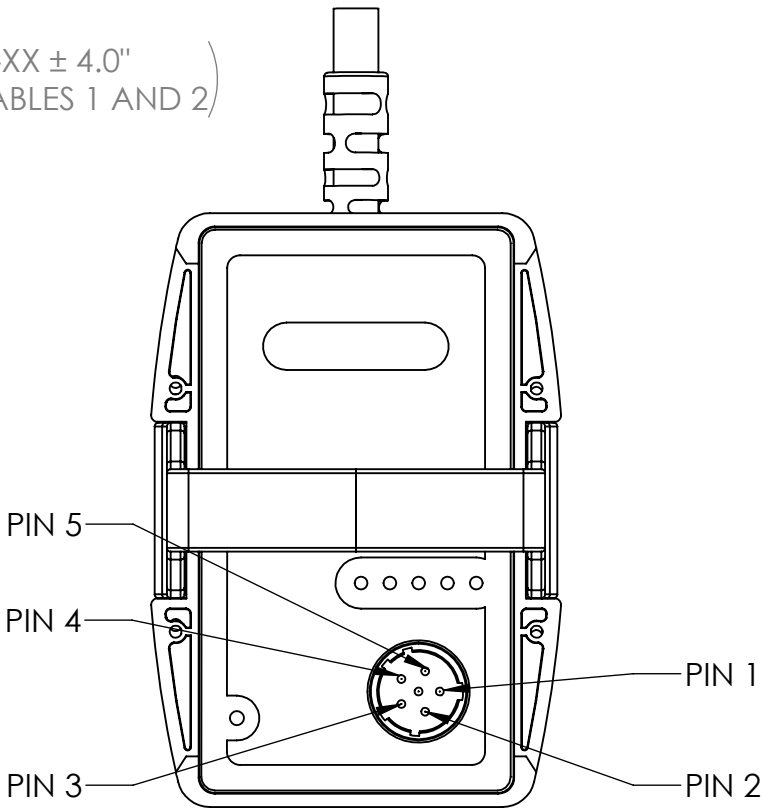
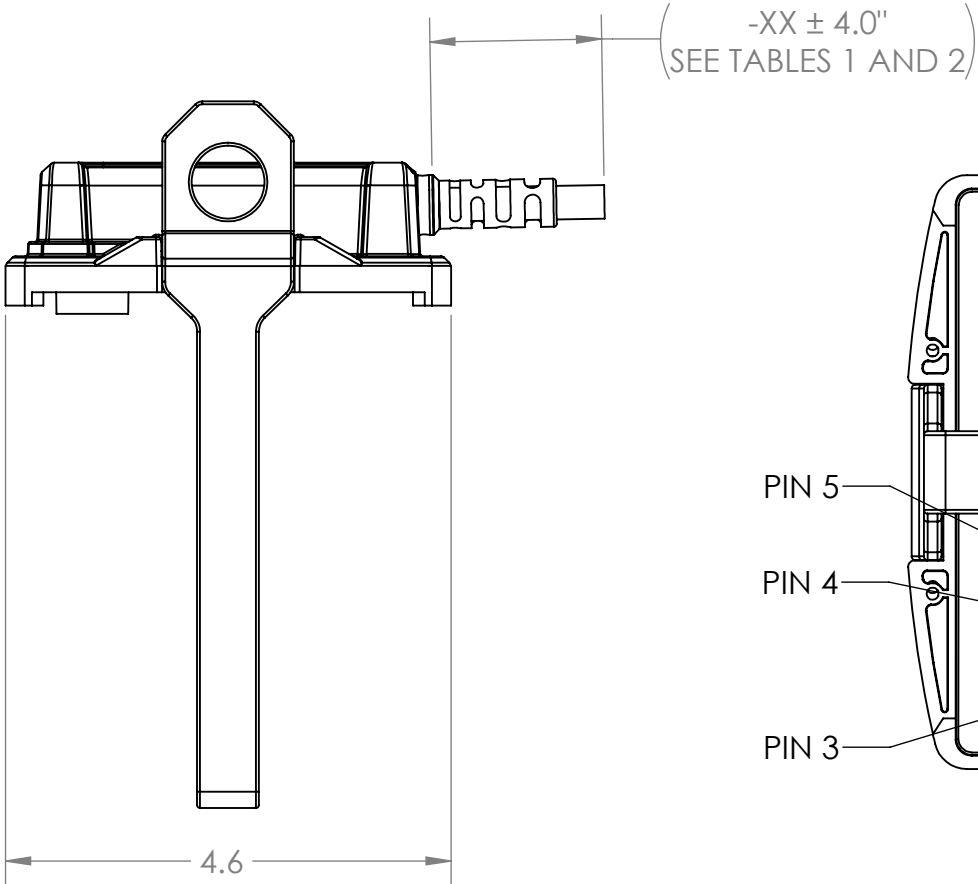
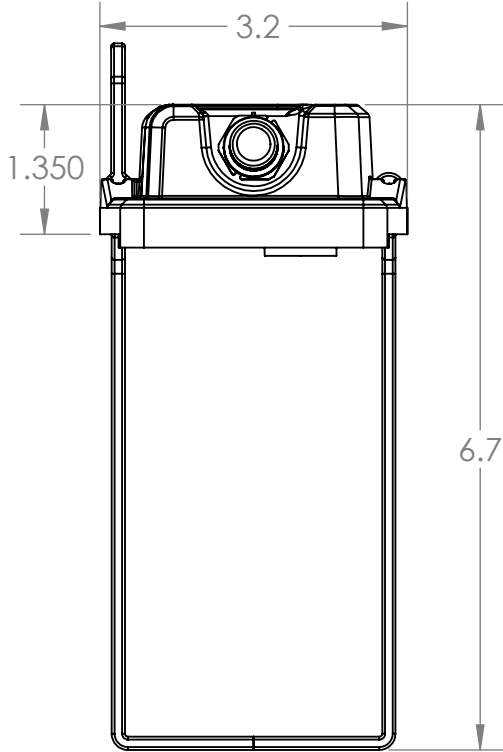
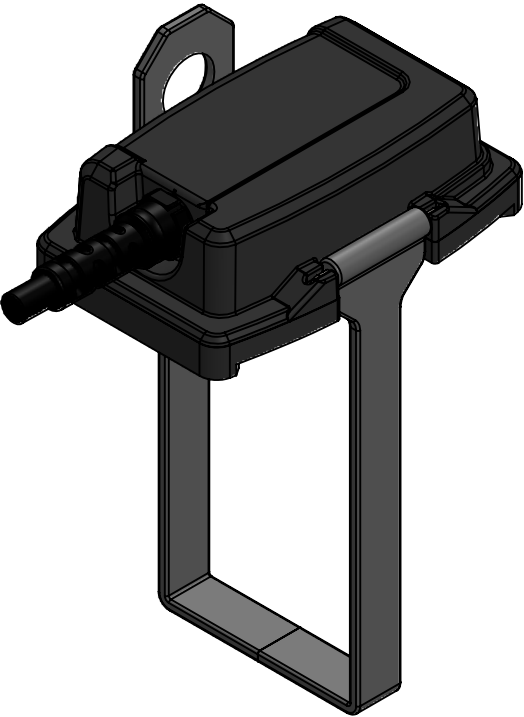
PART NUMBER DESCRIPTION

SN-406-VV-XX

= CABLE LENGTH IN FEET.
REF. TABLE 1 OR 2.

12 = 12VDC OUTPUT. REF TABLE 3
24 = 24VDC OUTPUT. REF TABLE 4

REVISIONS			
REV	DATE	DESCRIPTIONS	ENG
E	09/14/2021	MADE NEW REVISION. UPDATED MODEL, BOM.	MM
F	07/25/2024	WIRE TOLERANCE ADDED	CWA
G	08/19/2024	UPDATED ITEM NO. 2	CWA



NOTES:

- CABLE LENGTH PER PART NUMBER DESCRIPTION. SEE TABLE 1 OR 2.
- PIN TO PIN RESISTANCE SHALL NOT EXCEED 2.0 OHMS.
- WIRE FUNCTION: SEE TABLE 3 OR 4.
- PACKAGING REQUIREMENTS:
 - EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - POLYBAG SHALL BE MARKED WITH SUPPLYNET LOGO, PRODUCT QR CODE, PART NUMBER, CAGE CODE, AND LOT NO, PER SN-STD-LBL REQUIREMENTS.
- WORKMANSHIP REQUIREMENTS:
 - MANUFACTURE TO IAW/WHMA A-620 CLASS 2 REQUIREMENTS.
 - SOLDERING SHALL BE COMPLIANT WITH IAW J-STD-001 AS APPLICABLE.
 - CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.
- INSPECTION REQUIREMENTS:
 - EACH COMPLETED ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @100MOHM MIN.)
 - INSPECT TO IPC/WHMA A-620 CLASS 2 REQUIREMENTS.

** BOM ON PAGE 2

UNLESS OTHERWISE SPECIFIED:		NAME		DATE		SupplyNet		DESIGN ENGINEERING MANUFACTURING	
DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X°: 1° .XX°: 0.5° BREAK EDGES: .005 - .020 FILLETS: .005 - .020 SURFACE FINISH:		DRAWN		RJB		TITLE: BB2590 BATTERY COVER ASSEMBLY			
		CHECKED		RJB					
		COMMENTS:							
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009		PROPRIETARY AND CONFIDENTIAL		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUPPLYNET, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUPPLYNET INC. IS PROHIBITED.					
MATERIAL: SEE DRAWING NOTES				SIZE		DWG. NO.		REV	
FINISH: SEE DRAWING NOTES				B		SN-406-VV-XX		G	
DO NOT SCALE DRAWING		CAGE CODE: 1HJX9		SCALE: NA		WEIGHT:		SHEET 1 OF 2	

TABLE 3. 12VDC WIRE RUN LIST		
ITEM 1 (CABLE WIRE COLOR)	(CONNECTOR) PIN / FUNCTION	ITEM 6 PCB LOCATION
BLACK	SECTION A (V-)	E1
		E2
RED	SECTION A (V+)	E4
		E5

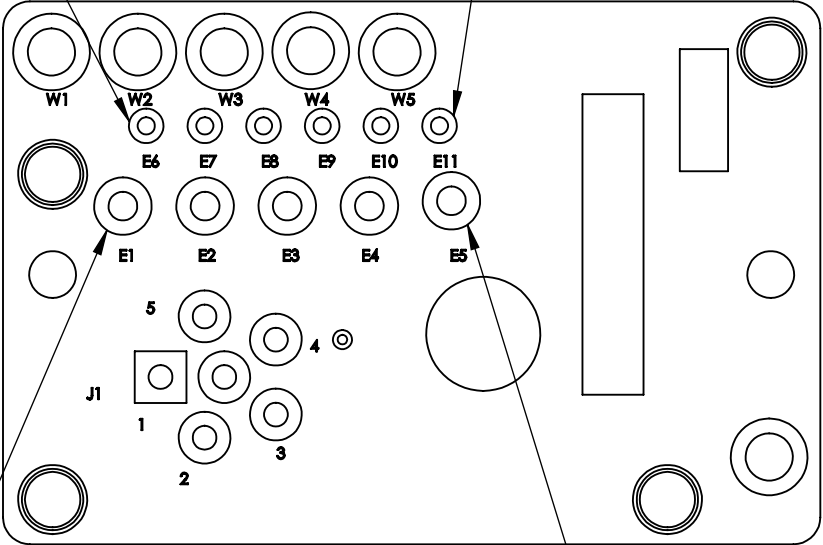
JUMPER

JUMPER

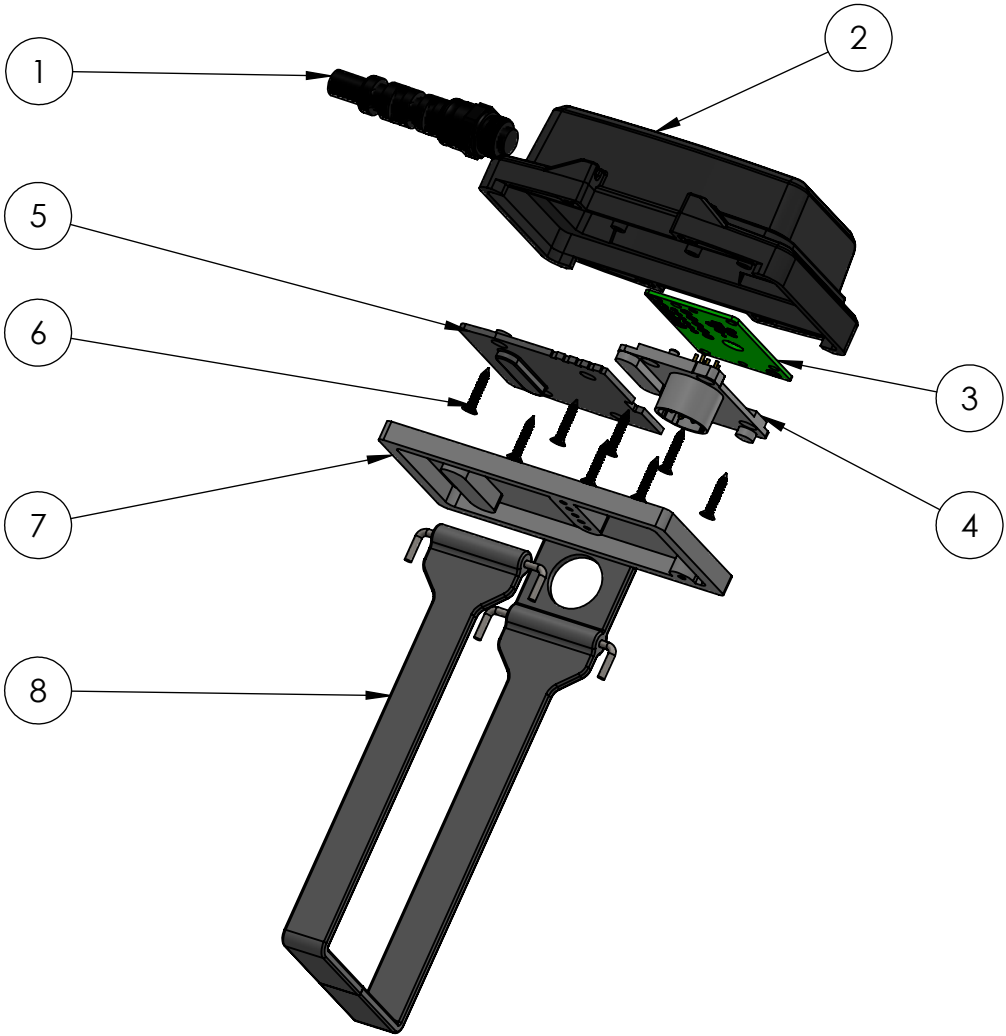
TABLE 4. 24VDC WIRE RUN LIST		
ITEM 1 (CABLE WIRE COLOR)	(CONNECTOR) PIN / FUNCTION	ITEM 6 PCB LOCATION
BLACK	SECTION A (V-)	E1
		E2
		E4
RED	SECTION B (V+)	E5

JUMPER

E6E11



E1E5



BILL OF MATERIALS.			
ITEM NUMBER	PART NUMBER	QTY	NAME
1	SN-404-4C2-XX	0.5	4C CONDUCTOR WIRE
2	SN0132-T	1	BATTERY COVER
3	SN0008-1	1	PCB
4	SN0017-1-N	1	CONNECTOR
5	SN0133-1	1	SPACER PLATE
6	SN0012	8	FLAT HEAD 5/8" SCREW
7	SN0270-WT	1	WATERTIGHT GASKET
8	SN-404-STRAP	1	STRAP ASSEMBLY

REF. NUMBER: SN0406



TITLE:
BB2590 BATTERY
COVER ASSEMBLY

SIZE DWG. NO. REV
B SN-406-VV-XX G

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CAGE CODE: 1HJX9 SCALE: NA WEIGHT: SHEET 2 OF 2