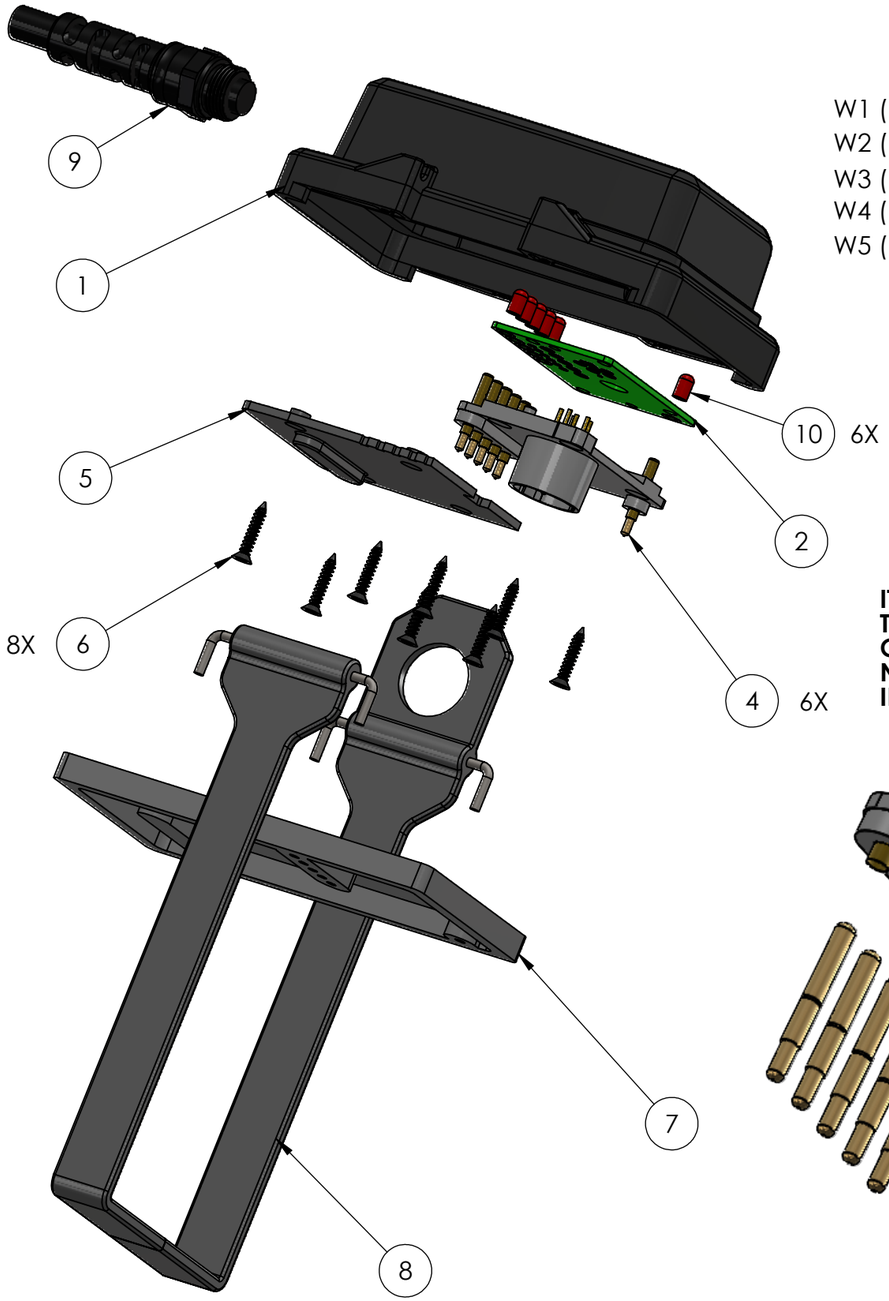
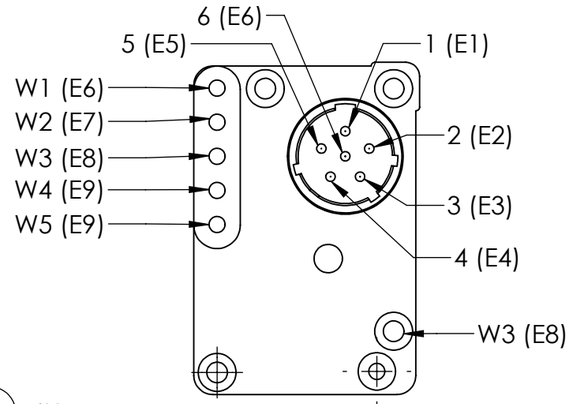
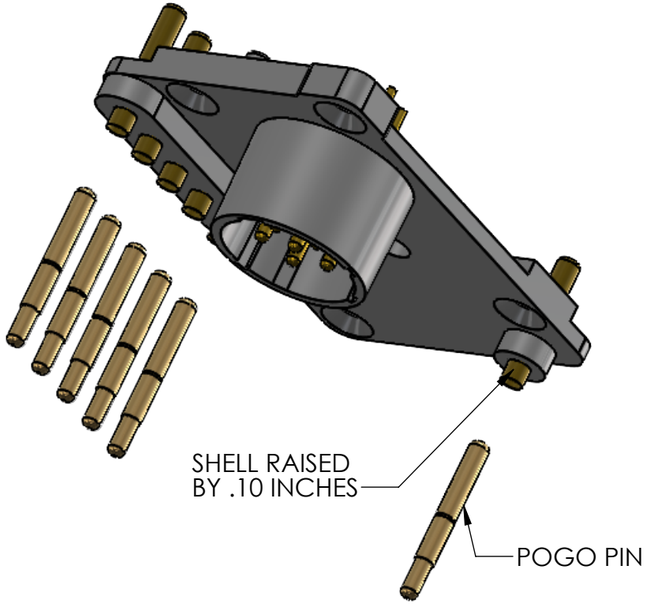


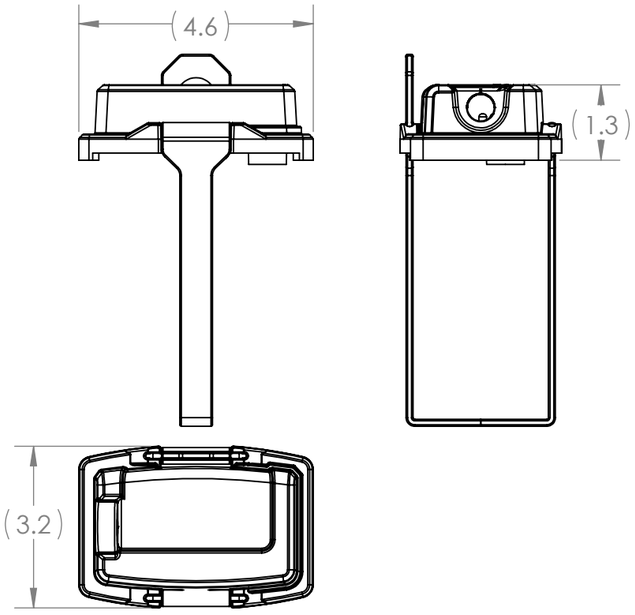


CONNECTOR PINOUT
PCB PINS IN PARENTHESES
(MATING FACE VIEW)

IT IS RECOMMENDED TO RAISE THE POGO PIN SHELLS BY .10 INCHES FOR BETTER CONTACT WITH BATTERY SMBUS.
NOTE: POGO PINS WILL STILL CONTACT SMBUS IF NOT RAISED.



REVISIONS			
REV.	DESCRIPTION	DATE	ENG
E	UPDATED BOM	06/02/2023	DR
F	UPDATED BOM & ITEM NO.1	09/03/2024	CWA
G	ITEM NO. 10 ADDED, BOM UPDATED	10/18/2024	CWA



BILL OF MATERIALS.

ITEM NUMBER	PART NUMBER	QTY	NAME	SUPPLIER CODE
1	SN0132-T	1	BATTERY COVER, 9/16-24 THREADED HOLE	SN
2	SN0008-1	1	PCB	SN
3	SN0017-3-A	1	CONNECTOR, 4 KEYWAYS, 6 POWER PINS, DATA PIN SHELLS INSTALLED	SN
4	SN0009-1	6	POGO PINS	SN
5	SN0133-1	1	SPACER PLATE	SN
6	SN0012	8	FLAT HEAD 5/8" SCREW	SN
7	SN0270-WT	1	GASKET	SN
8	SN-404-STRAP	1	STRAP ASSEMBLY	SN
9	SN-404-10C2-12	0.5	12FT, 10C CABLE, DOUBLE ENDED	SN
10	SN0018-1	6	RED NYLON CAP FOR POGO PINS	SN

SUPPLIER CODE KEY	
CODE	MEANING
SCS	SUB-CONTRACTOR SOURCED & SUPPLIED
SN	SUPPLYNET SOURCED & SUPPLIED
-L	LONG LEAD TIME ITEM

NOTES:
1. FOR 12V WIRE SECTION A IN PARALLEL WITH SECTION B.
2. FOR 24V WIRE SECTION A IN SERIES WITH SECTION B.
3. BATTERY NOT INCLUDED.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN: INCHES
TOLERANCES: .XX: ± 0.03
.XXX: ± 0.005
ANGULAR: .X°: 1°
.XX°: 0.5°
BREAK EDGES: .005 - .020
FILLETS: .005 - .020
SUFACE FINISH:

GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009

MATERIAL: SEE DRAWING NOTES

FINISH: SEE DRAWING NOTES

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	MM	09/17/22
CHECKED	MOB	09/17/22
COMMENTS:		

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CAGE CODE: 1HJX9

REF. NUMBER: SN0405

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE: **BB2590 WATER-TIGHT BATTERY COVER W/ SMBUS, INCLUDES 10C CABLE, KIT**

SIZE	DWG. NO.	REV
B	SN-404-KIT-W06	G

SCALE: NA | WEIGHT: | SHEET 1 OF 1