

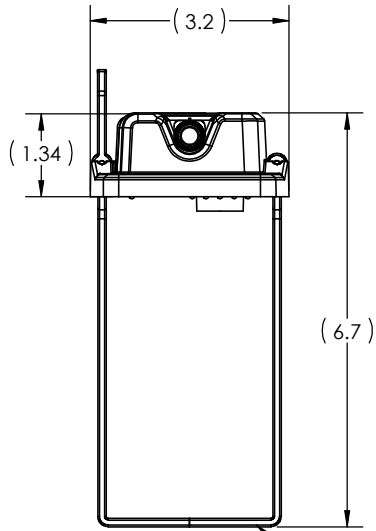
**PART NUMBER DESCRIPTION**

**SN-406-VV-XX**

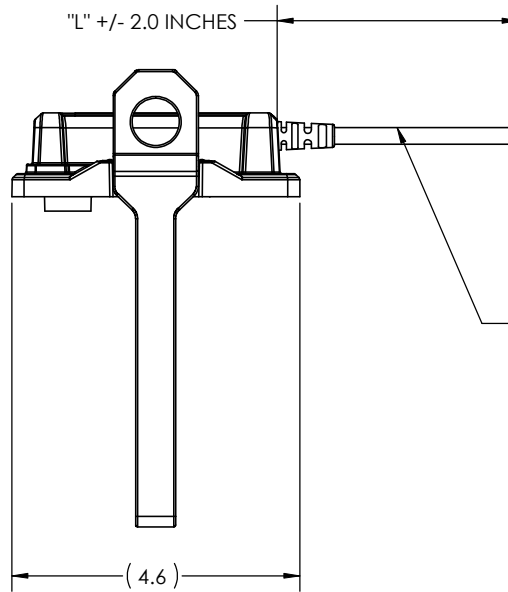
= "L" CABLE LENGTH IN FEET.  
REF. TABLE 1 OR 2.

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

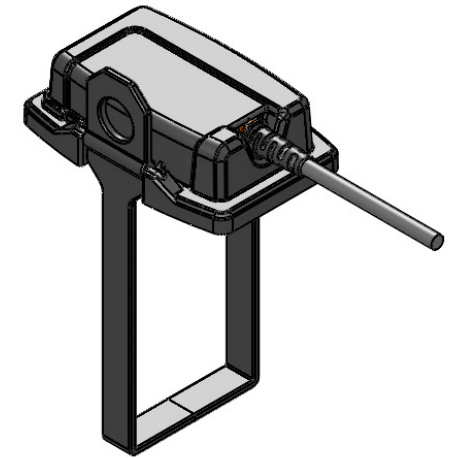
REV	DATE	DESCRIPTION OF CHANGE	ENG
B	06/27/14	REVISED. SEE DCN SN0131B	RJB



TENSION STRAP



10C CABLE OUTPUT (4 POWER CONDUCTORS WITH SMBUS SIGNALS)



**NOTES:**

1. WATERTIGHT PER IPC/67.
2. CABLE LENGTH PER PART NUMBER DESCRIPTION. SEE TABLE 1 OR 2.
3. ELECTRICAL: ASSEMBLY SHALL 100% TESTED FOR CONTINUITY, SHORTS AND INSULATION RESISTANCE (100 MEGOHMS)
4. PIN TO PIN RESISTANCE SHALL NOT EXCEED 2.0 OHMS.
5. WIRE FUNCTION: SEE TABLE 3 OR 4.
6. SOLDERING: IAW IPC-J-STD-001 CLASS II AS APPLICABLE.
7. REFERENCE SUPPLYNET FILE NUMBER SN0131.
8. IDENTIFICATION: IDENTIFY ON THE PART IN THE AREA SHOWN THE FOLLOWING INFORMATION:  
**PN: SN-406-VV-XX REV X (REV MARKING PER PO & PN PER DESCRIPTION)**  
**CAGE CODE: 1HJX9**  
**DATE OF MFR: MM/YY**
9. ITEM 13 TO BE APPLIED AROUND INSIDE PERIMETER OF GASKET (ITEM 11).
10. ITEMS 5 -12 PROVIDED BY SUPPLYNET.

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  
SURFACE FINISH:  
GEOMETRIC TOLERANCING  
PER: ASME Y14.5-2009  
MATERIAL: SEE DRAWING NOTES  
FINISH: SEE DRAWING NOTES  
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	RJB	06/27/14
CHECKED	RJB	06/27/14
COMMENTS:		
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CAGE CODE: 1HJX9		

PART NUMBER: SN-406-VV-XX		
614 CORPORATE WAY SUITE 8H VALLEY COTTAGE, NY 10989		
TITLE: <b>BA5590 BATTERY COVER ASSEMBLY</b>		
SIZE <b>B</b>	DWG. NO. <b>SN-406-VV-XX</b>	REV <b>B</b>
SCALE: NA	WEIGHT:	SHEET 1 OF 3

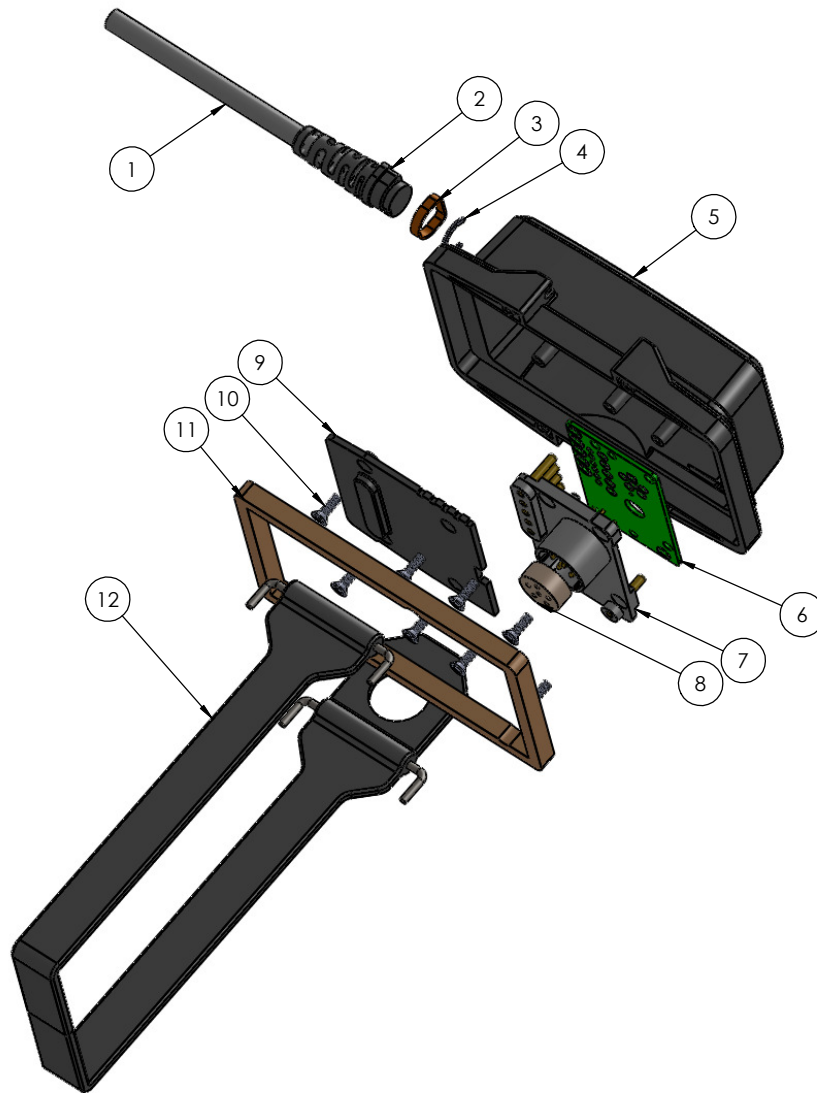


TABLE 2		TABLE 1	
PART NUMBER & PART MARKING	"L" DIMENSION (INCHES)	PART NUMBER & PART MARKING	"L" DIMENSION (INCHES)
SN-406-24-03	36	SN-406-12-03	36
SN-406-24-06	72	SN-406-12-06	72
SN-406-24-08	96	SN-406-12-08	96
SN-406-24-10	120	SN-406-12-10	120
SN-406-24-12	144	SN-406-12-12	144
SN-406-24-18	216	SN-406-12-18	216
SN-406-24-20	240	SN-406-12-20	240
SN-406-24-25	300	SN-406-12-25	300
SN-406-24-30	360	SN-406-12-30	360

BILL OF MATERIALS.				
ITEM NUMBER	PART NUMBER	QTY	NAME	COMMENTS
1	51674	AR	CABLE	2C, .170 DIA.
2		1	GROMMET / STRAIN RELIEF	OVERMOLDED
3	1027976	1	GASKET	GROMMET SEAL
4	1027979	1	RETAINING CLIP	
5	SN0132-2	1	BATTERY COVER	MACHINED WITH "D" HOLE
6	SN0008	1	PCB	
7	SN0117-1-N	1	CONNECTOR	5 KEYWAY, N PIN LENGTH, NO POGOS
8	SN0253	1	GASKET	CONNECTOR SEAL
9	SN0133-1	1	SPACER PLATE	
10	SN0012	8	FLAT HEAD CAP SCREW (TORX)	4-40 X 3/8 (CAMCAR)
11	SN0115	1	GASKET	PERIMETER SEAL
12	SN0136	1	STRAP ASSEMBLY	
13	RTV3145	AR	RTV	
14	AW-SAC305.032	AR	SOLDER, LEAD FREE	AIM, GLOWCORE

PART NUMBER: SN-406-VV-XX

**SupplyNet** 614 CORPORATE WAY  
SUITE 8H  
VALLEY COTTAGE, NY 10989

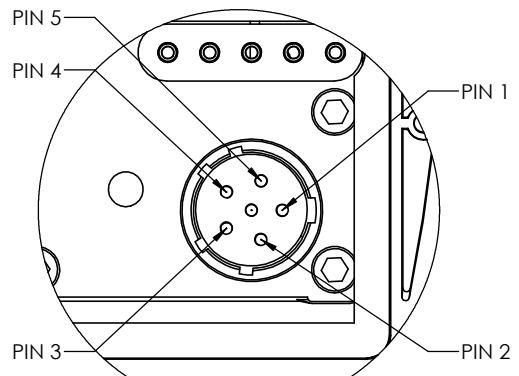
TITLE:  
**BA5590 BATTERY  
COVER ASSEMBLY**

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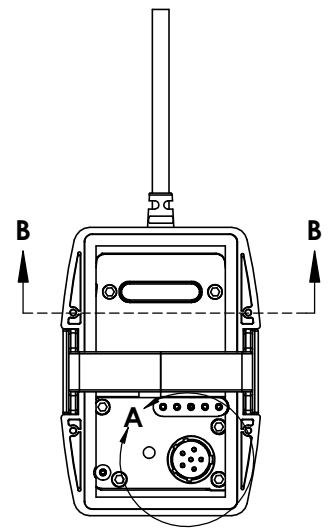
SIZE <b>B</b>	DWG. NO. <b>SN-406-VV-XX</b>	REV <b>B</b>
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CAGE CODE: 1HJX9 SCALE: NA WEIGHT: SHEET 2 OF 3

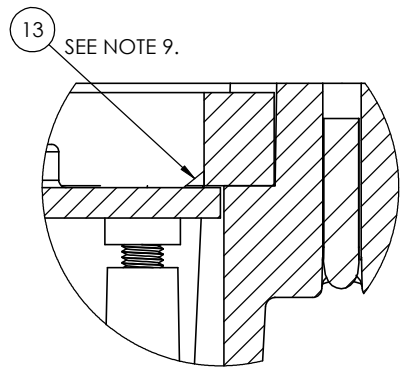
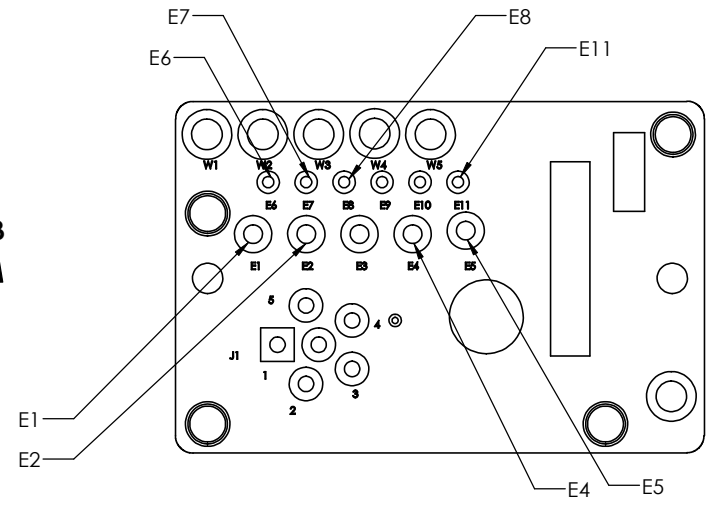
8 7 6 5 4 3 2 1



**DETAIL A**  
**SCALE 1.5 : 1**



**SECTION B-B**  
**SCALE 1 : 1**



**DETAIL C**  
**SCALE 3 : 1**

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

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

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PART NUMBER: SN-406-VV-XX		
<b>SupplyNet</b> 614 CORPORATE WAY SUITE 8M VALLEY COTTAGE, NY 10989		
TITLE: <b>BA5590 BATTERY COVER ASSEMBLY</b>		
SIZE <b>B</b>	DWG. NO. <b>SN-406-VV-XX</b>	REV <b>B</b>
CAGE CODE: 1HJX9	SCALE: NA	WEIGHT: SHEET 3 OF 3

8 7 6 5 4 3 2 1