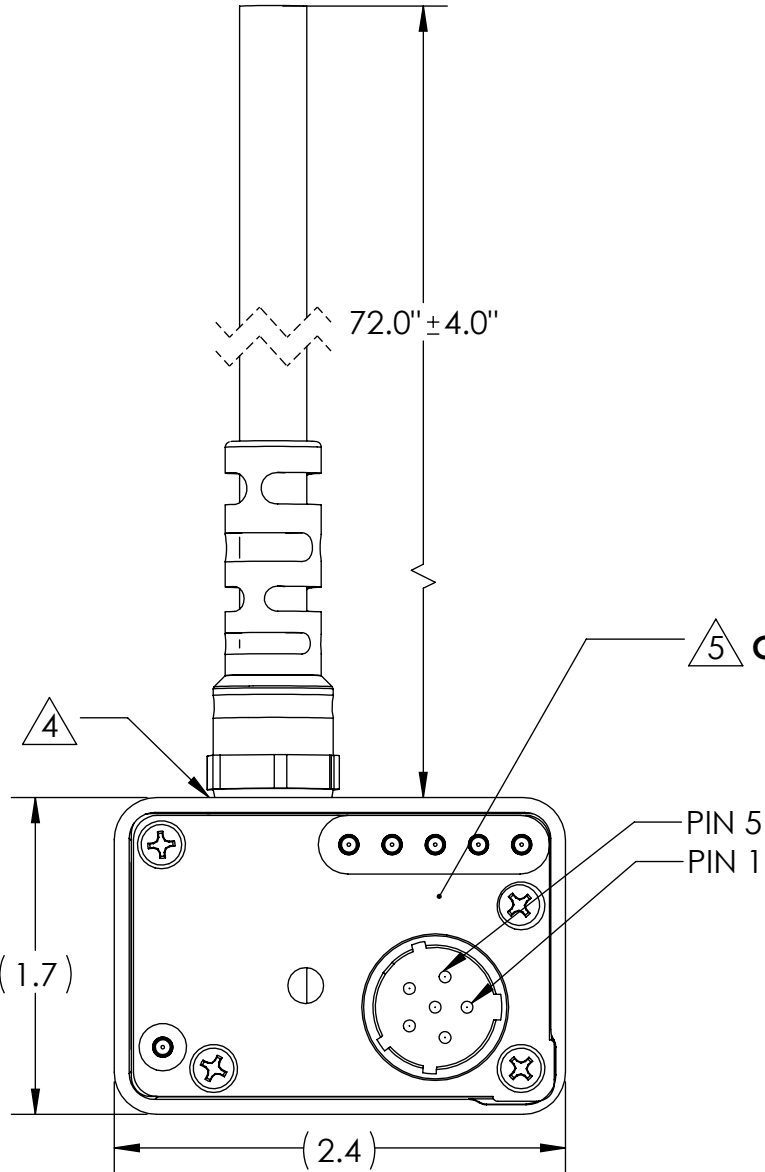
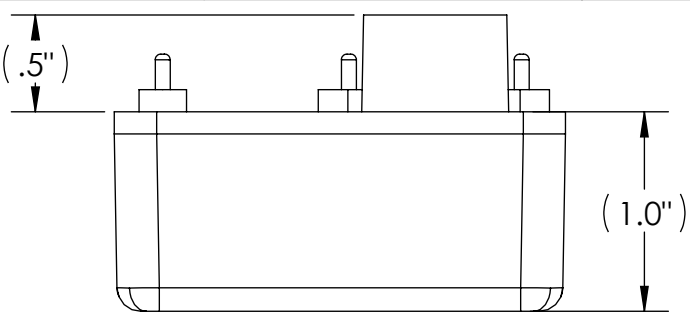


TABEL 1: WIRE RUN LIST		
P1 (PCB)	WIRE GAGE	WIRE COLOR
E1	AWG 16	BLACK
E2	JUMPER	
E3	N/C	N/C
E4	JUMPER	
E5	AWG 16	RED/WHT STRIPE
E6	AWG 22	BROWN
E7	AWG 22	ORANGE
E8	AWG 22	YELLOW
E9	AWG 22	PURPLE
E10	AWG 22	GREY
E11	AWG 22	BLUE

2
JUMPED

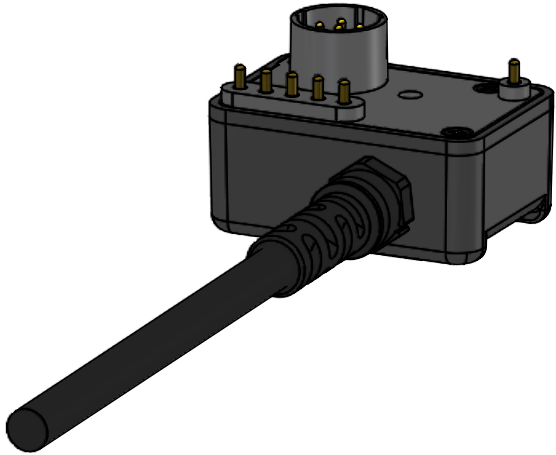


5 COVER SOLDER POINTS IN RTV

NOTES:

1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.PCB WIRING LOCATIONS ARE LOCATED ON SHEET 2.
2. CAP AND STOWE UNUSED WIRES INSIDE ENCLOSURE. (AWG 16 BLACK W/WHT STRIPE AND AWG16 RED)
3. PCB MUST BE CONFORMAL COATED.
4. LOCTITE 242 OR EQUIVALENT SHALL BE APPLIED TO ALL THREADED METAL CONNECTIONS, CYANOACRYLATE OR EQUIVALENT PLASTIC SAFE ADHESIVE SHALL BE USED.
5. COVER SOLDER POINTS IN RTV.
6. PACKAGING REQUIREMENTS:
 - A. EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - B. CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - C. POLYBAG SHALL BE MARKED WITH SUPPLYNET LOGO, PRODUCT QR CODE, PART NUMBER, CAGE CODE, AND LOT NO, PER SN-STD-LBL REQUIREMENTS.
7. WORKMANSHIP REQUIREMENTS:
 - A. MANUFACTURE TO IAW/WHMA A-620 CLASS 3 REQUIREMENTS.
 - B. SOLDERING SHALL BE COMPLIANT WITH IAW J-STD-001 AS APPLICABLE.
 - C. CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.
8. INSPECTION REQUIREMENTS:
 - A. EACH COMPLETED ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @100MOHM MIN.)
 - B. INSPECT TO IPC/WHMA A-620 CLASS 3 REQUIREMENTS.

REVISIONS			
REV	DATE	DESCRIPTION OF CHANGE	ENG
B	04/08/2020	CHANGED ITEM #7 TO #6 X 3/4" SCREW	TC
C	06/19/2024	UPDATED NOTES	CWA
D	08/04/2025	ADDED POTTING NOTE	WA



**VELCRO STRAP NOT SHOWN
(SEE SHEET 2)

BILL OF MATERIALS			
ITEM NUMBER	PART NUMBER	QTY.	DESCRIPTION
1	SN-404-10C2-12	0.5	DOUBLE ENDED CABLE W/OVERMOLDED THREADED STRAIN RELIEF
2	SN0017-3-A	1	CONNECTOR ASSY.
3	SN0008-1	1	PCB (CONFORMAL COATED)
4	SN0009-1	6	POGO PIN
5	SN0010-THREADED	1	ENCLOSURE (WITH THREADS)
6	90033A118*	4	#4 X 3/4 BLACK OXIDE SCREW
7	SN0013-1	1	VELCRO STRAP
8	9946A120	2	#4X3/8IN.,18-8 SS,PHL PN HD,THREAD FORMING SCREW
9	SN0015-1	2	ZINC PLATED STEEL #4 WASHER
10	SN0018-1	6	POGO PIN CAPS
11	LOCTITE® EA E-20HP *	AR	INDUSTRIAL GRADE EPOXY ADHESIVE

*OR EQUIVALENT

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 FILLET: .005 - .020 SURFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009 MATERIAL: SEE DRAWING NOTES FINISH: SEE DRAWING NOTES DO NOT SCALE DRAWING	DRAWN	LS	08/01/17	TITLE: BB2590 SMBUS CONNECTOR, 24V OUTPUT (PINS 2 AND 4 JUMPED), 6' LENGTH	
	CHECKED	RB	08/01/17		
	COMMENTS:				
	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.			SIZE B	DWG. NO. CONN-BB2590SMBUS-C2
CAGE CODE: 1HJX9		SCALE: NA		WEIGHT:	SHEET 1 OF 2

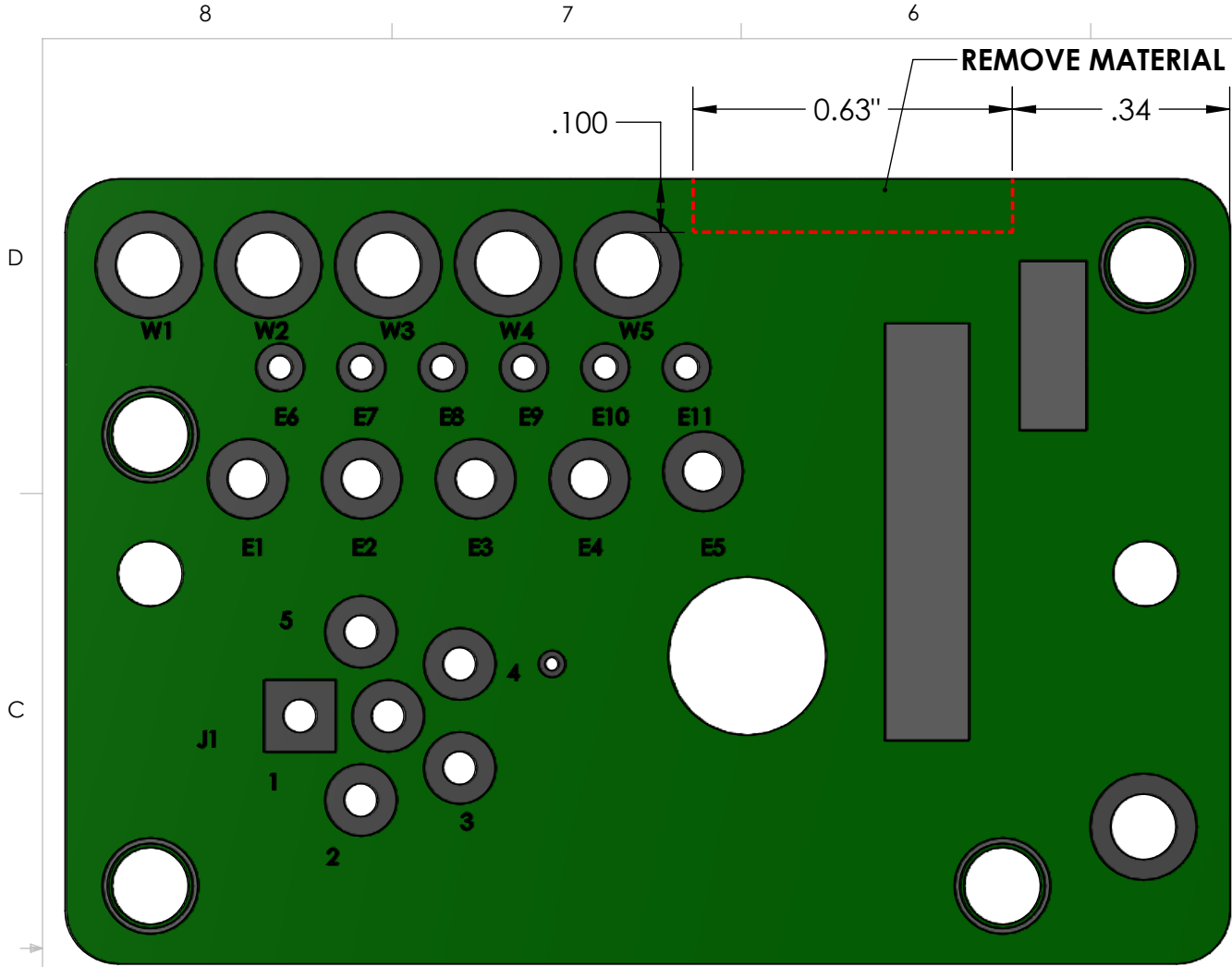
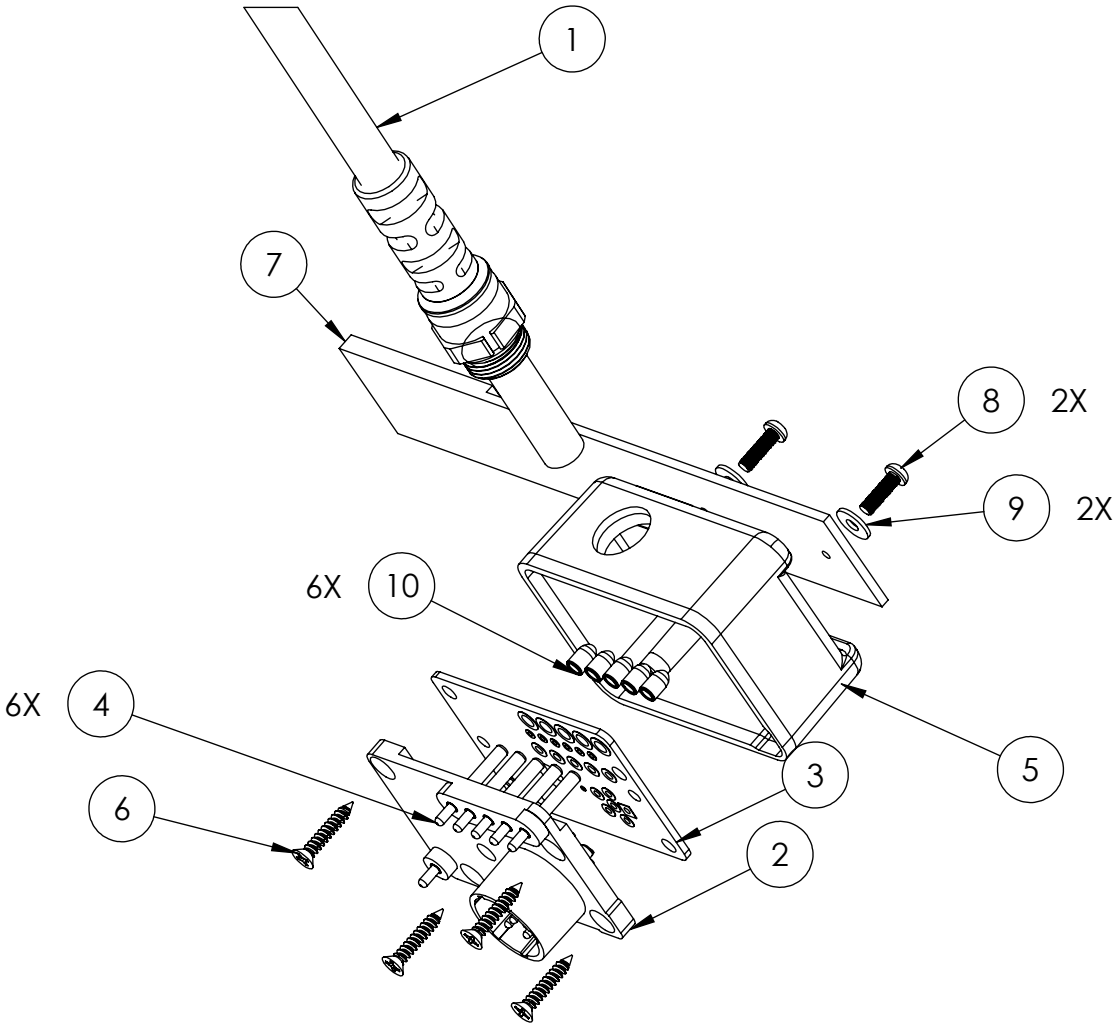


DIAGRAM 1:
PCB LAYOUT (ITEM #3)



BILL OF MATERIALS				
ITEM NUMBER	PART NUMBER	QTY.	DESCRIPTION	SUPPLIER CODE
1	SN-404-10C2-12	0.5	DOUBLE ENDED CABLE W/OVERMOLDED THREADED STRAIN RELIEF	SN
2	SN0017-3-A	1	CONNECTOR ASSY.	SN
3	SN0008-1	1	PCB (CONFORMAL COATED)	SN
4	SN0009-1	6	POGO PIN	SN
5	SN0010-THREADED	1	ENCLOSURE (WITH THREADS)	SN
6	90033A118*	4	#4 X 3/4 BLACK OXIDE SCREW	SN
7	SN0013-1	1	VELCRO STRAP	SN
8	9946A120	2	#4X3/8IN.,18-8 SS,PHL PN HD,THREAD FORMING SCREW	SN
9	SN0015-1	2	ZINC PLATED STEEL #4 WASHER	SN
10	SN0018-1	6	POGO PIN CAPS	SN

*OR EQUIVALENT

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

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.

CAGE CODE: 1HJX9

REF. NUMBER: SN0530



TITLE: **BB2590 SMBUS CONNECTOR, 24V OUTPUT (PINS 2 AND 4 JUMPED), 6' LENGTH**

SIZE	DWG. NO.	REV
B	CONN-BB2590SMBUS-C2	D

SCALE: NA	WEIGHT:	SHEET 2 OF 2
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