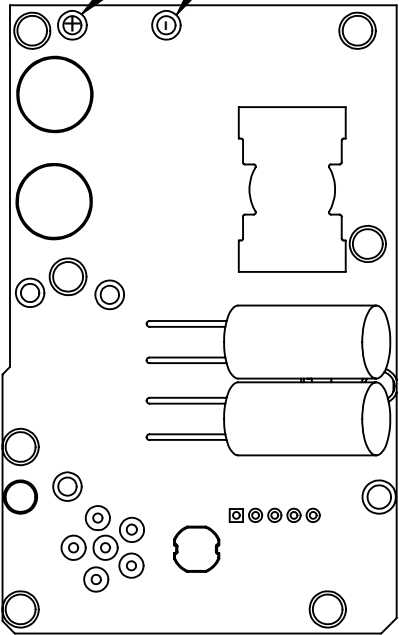


TABLE 1: WIRE RUN LIST			
OUTPUT	WIRE COLOR	PCB LOCATION	DC BARREL PLUG (P1)
(+)12VDC	WHITE	(+)19V OUT	POSITIVE
(-)12VDC	BLACK	(-)19V OUT	NEGATIVE

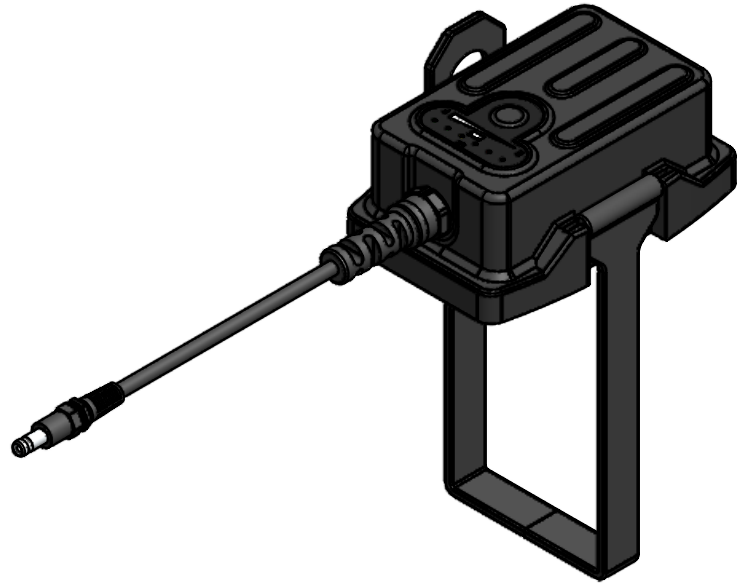
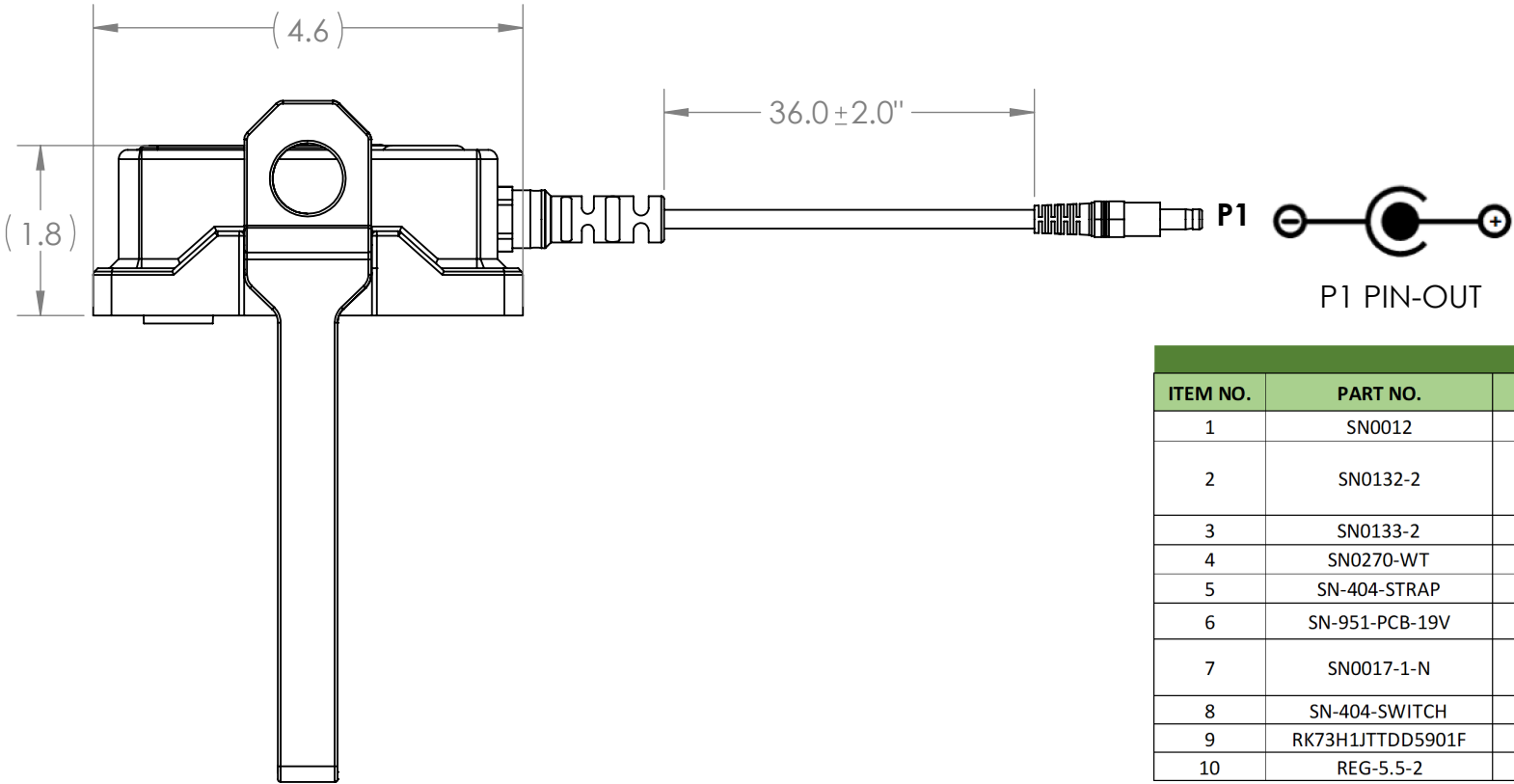
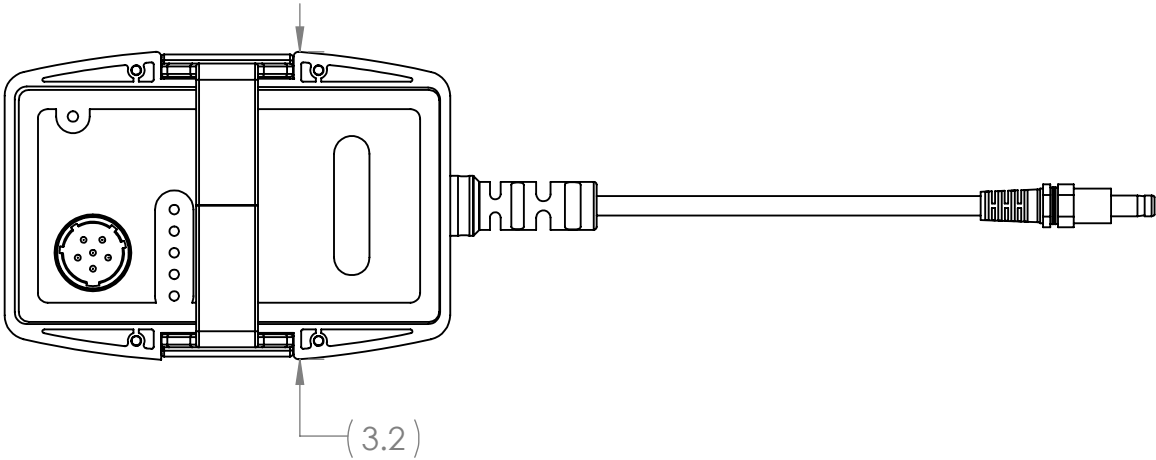
REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	7/24/2026	GMW

(+)19V OUT
(WHITE WIRE)

(-)19V OUT
(BLACK WIRE)



SN-951-PCB-19V
TOP VIEW

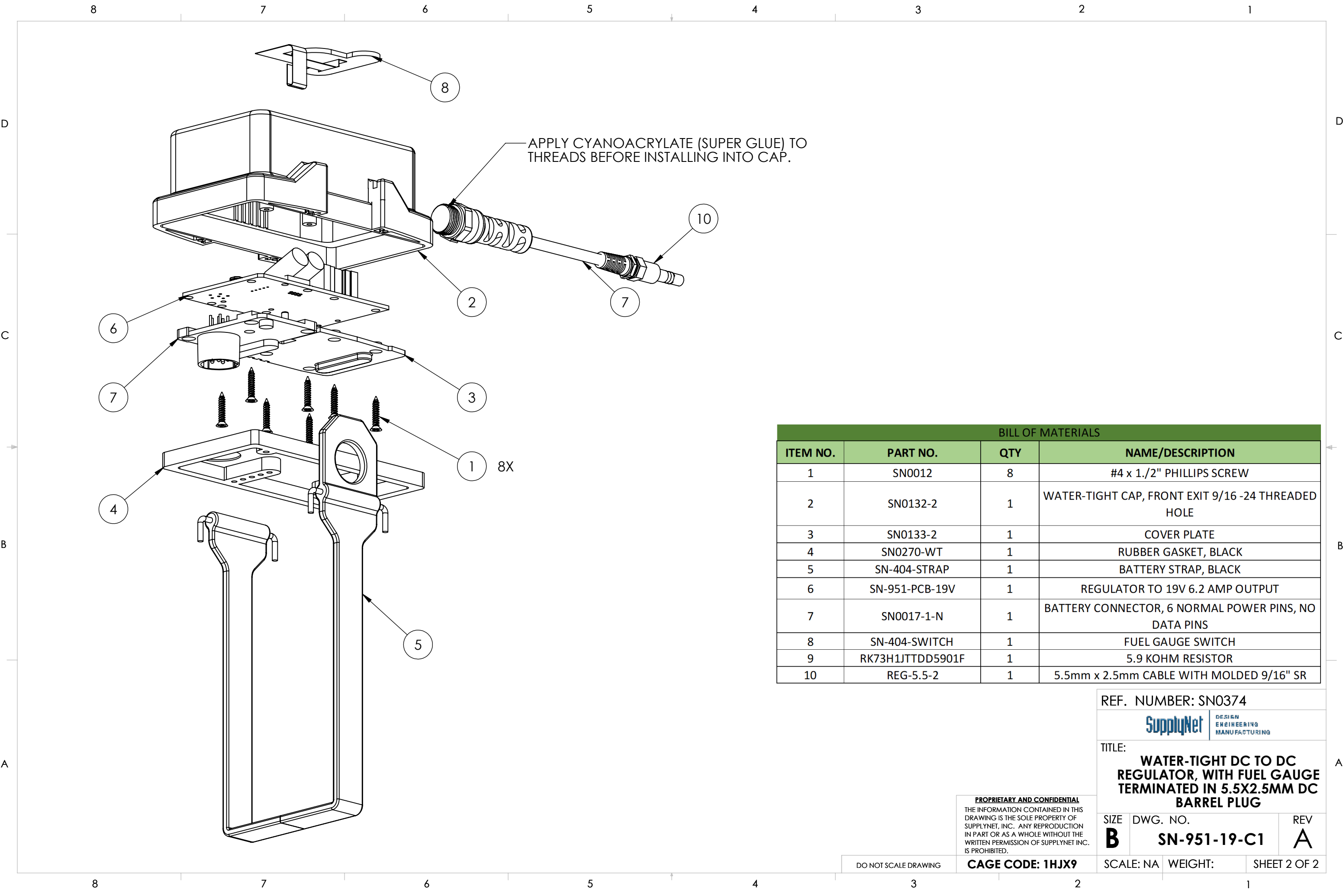


BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	SN0012	8	#4 x 1/2" PHILLIPS SCREW
2	SN0132-2	1	WATER-TIGHT CAP, FRONT EXIT 9/16 -24 THREADED HOLE
3	SN0133-2	1	COVER PLATE
4	SN0270-WT	1	RUBBER GASKET, BLACK
5	SN-404-STRAP	1	BATTERY STRAP, BLACK
6	SN-951-PCB-19V	1	REGULATOR TO 19V 6.2 AMP OUTPUT
7	SN0017-1-N	1	BATTERY CONNECTOR, 6 NORMAL POWER PINS, NO DATA PINS
8	SN-404-SWITCH	1	FUEL GAUGE SWITCH
9	RK73H1JTTDD5901F	1	5.9 KOHM RESISTOR
10	REG-5.5-2	1	5.5mm x 2.5mm CABLE WITH MOLDED 9/16" SR

NOTES:

- WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
- 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.

UNLESS OTHERWISE SPECIFIED:		NAME		DATE							
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		DRAWN	MOB		01/12/23		TITLE: WATER-TIGHT DC TO DC REGULATOR, WITH FUEL GAUGE TERMINATED IN 5.5X2.5MM DC BARREL PLUG				
		CHECKED	MOB		01/12/23						
		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	DWG. NO.		REV		
						B	SN-951-19-C1		A		
DO NOT SCALE DRAWING		CAGE CODE: 1HJX9				SCALE: NA		WEIGHT:		SHEET 1 OF 2	



APPLY CYANOACRYLATE (SUPER GLUE) TO
THREADS BEFORE INSTALLING INTO CAP.

BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	SN0012	8	#4 x 1./2" PHILLIPS SCREW
2	SN0132-2	1	WATER-TIGHT CAP, FRONT EXIT 9/16 -24 THREADED HOLE
3	SN0133-2	1	COVER PLATE
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8	SN-404-SWITCH	1	FUEL GAUGE SWITCH
9	RK73H1JTTDD5901F	1	5.9 KOHM RESISTOR
10	REG-5.5-2	1	5.5mm x 2.5mm CABLE WITH MOLDED 9/16" SR

REF. NUMBER: SN0374



TITLE:
**WATER-TIGHT DC TO DC
REGULATOR, WITH FUEL GAUGE
TERMINATED IN 5.5X2.5MM DC
BARREL PLUG**

SIZE B	DWG. NO. SN-951-19-C1	REV A
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CAGE CODE: 1HJX9

DO NOT SCALE DRAWING