TABLE 1: WIRE LENGTH TABLE

"-XX" FROM P/N	"XX" DIMENSION (FT.)	TOLERANCE (INCHES)
03	3'	± 2.0"
06	6'	± 4.0"
08	8'	± 4.0"
10	10'	± 4.0"
12	12'	± 5.0"
15	15'	± 5.0"
18	18'	± 5.0"
20	20'	± 5.0"
25	25'	± 6.0"
30	30'	± 6.0"

DETAIL A
SCALE 2 : 1

PIN 1, PIN 4, PIN 13, PIN 16, PIN 17, PIN 20, PIN 29, PIN 32

"XX"
(SEE TABLE 1: WIRE LENGTH TABLE)

(1.22)

1

2

A
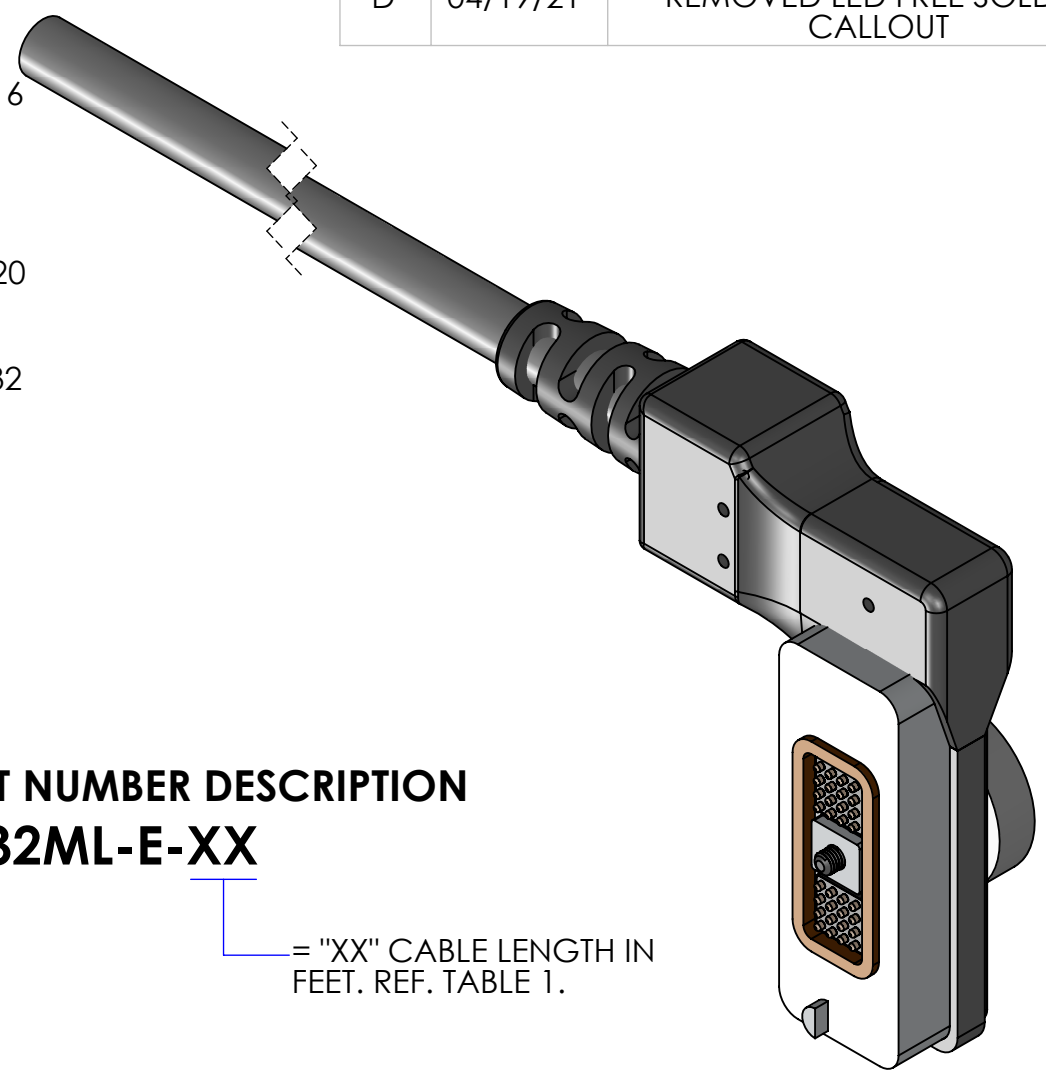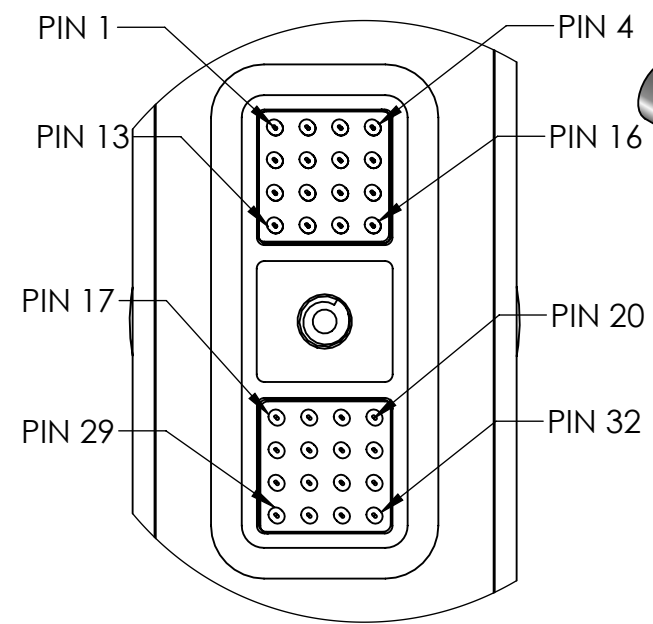
PART NUMBER DESCRIPTION
TE-32ML-E-XX

= "XX" CABLE LENGTH IN FEET. REF. TABLE 1.

BILL OF MATERIALS

ITEM NO.	PART NUMBER	QTY	NAME	COMMENTS
1	51234	AR	WIRE	19 C CABLE
2	TE-32M-ASSY	1	CONNECTOR ASSEMBLY	INCLUDES HOUSING, FASTENERS, THUMBWHEEL. PROVIDED BY SUPPLYNET
3	SN0057	1	PCB	SUPPLYNET PROVIDED.
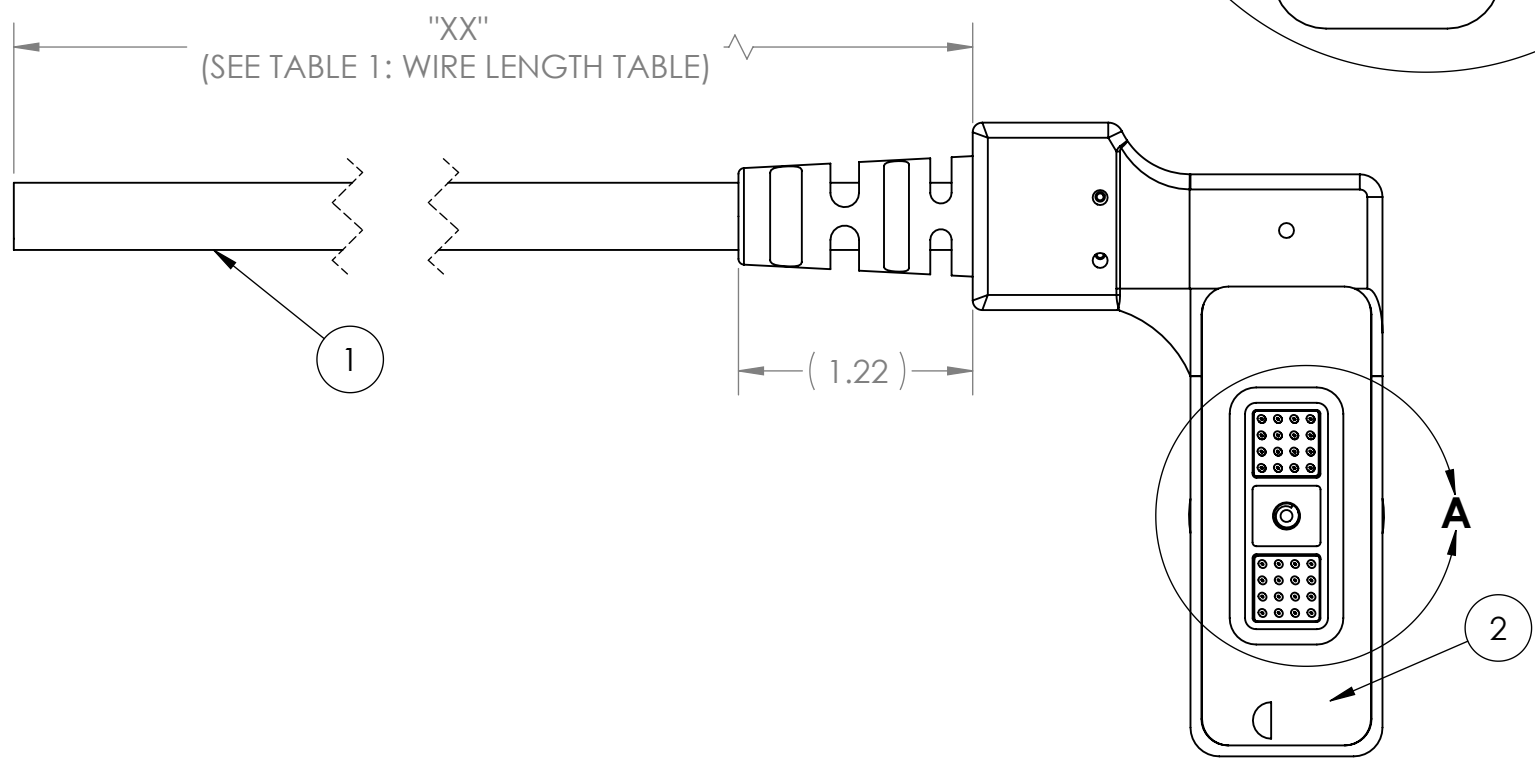
NOTES:

1. CABLE: 26 AWG, 19 CONDUCTOR, OD: 0.270 NOMINAL. POLYURETHANE INSULATION. OUTER SHIELD: 38 AWG, TIN PLATED COPPER BRAID, 90% COVERAGE.
2. OVERMOLD MATERIAL: 90A POLYETHER-TYPE THERMOPLASTIC POLYURETHANE (TPU).
3. JACKET: BLACK MATTE FINISH.
4. E33 AND E34 ARE CHASSIS GROUND
5. SOLDERING IAW IPC-J-STD-001 CLASS II AS APPLICABLE.
6. CABLE ASSEMBLIES TO BE 100% TESTED FOR CONTINUITY AND SHORTS.
7. ALL WIRED PINS TO BE TESTED 100% FOR INSULATION RESISTANCE. (150VDC @100 MOHM MINIMUM) EXCLUDE CHASSIS GROUND FROM THIS TEST.
8. IDENTIFICATION: BAG AND IDENTIFY ON PACKAGING THE FOLLOWING INFORMATION FOR EACH PART DELIVERED. UOS PART MARKING ON THE WIRE IS PROHIBITED:
   PN: TE-32ML-E-XX REV X (REV MARKING PER PO & PN PER DESCRIPTION)
   CAGE CODE: 1HJX9
   DATE OF MFGR: MM/YY
9. WIRING FUNCTION: SEE SHEET 2 TABLE 2 AND DRAWING SN0057.
10. MANUFACTURE AND INSPECT IAW IPC/WHMA A-620 CLASS 2.

TABLE 2: WIRE RUN LIST	
PIN NUMBER	WIRE COLOR
1	PURPLE
3	DARK BLUE **
7	LIGHT GREEN *
8	WHITE
9	PINK
10	GRAY
15	BROWN
16	RED
17	LIGHT BLUE *
18	YELLOW
19	DARK ORANGE **
20	BLUE
24	GREEN
25	TAN
28	BLACK
29	ORANGE
30	CLEAR
31	DARK GREEN **
32	CLEAR
E33, E34	BRAIDED SHIELD
* OPTIONAL WHITE BAND FOR CLARITY	
** OPTIONAL BLACK BAND FOR CLARITY	

TWISTED PAIR (pins 29, 30)

TWISTED PAIR (pins 31, 32)

PCB TOP VIEW

TOP
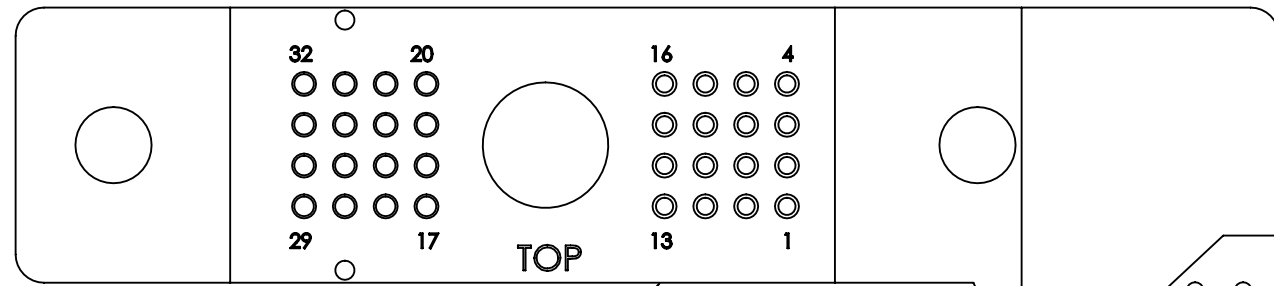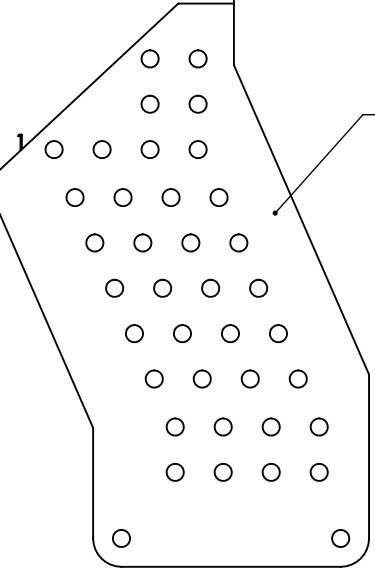
STIFFENER ON TOP SIDE ONLY.

PCB BOTTOM VIEW

BOTTOM

SUPPLYNET, INC.
P/N: SN0057-1 REV X

REF. NUMBER: SN0069

SupplyNet
706 EXECUTIVE BLVD.
SUITE B
VALLEY COTTAGE, NY 10989

TITLE:
FRONT EXIT PRC-117G
32 PIN DATA CABLE,
J3 PORT.

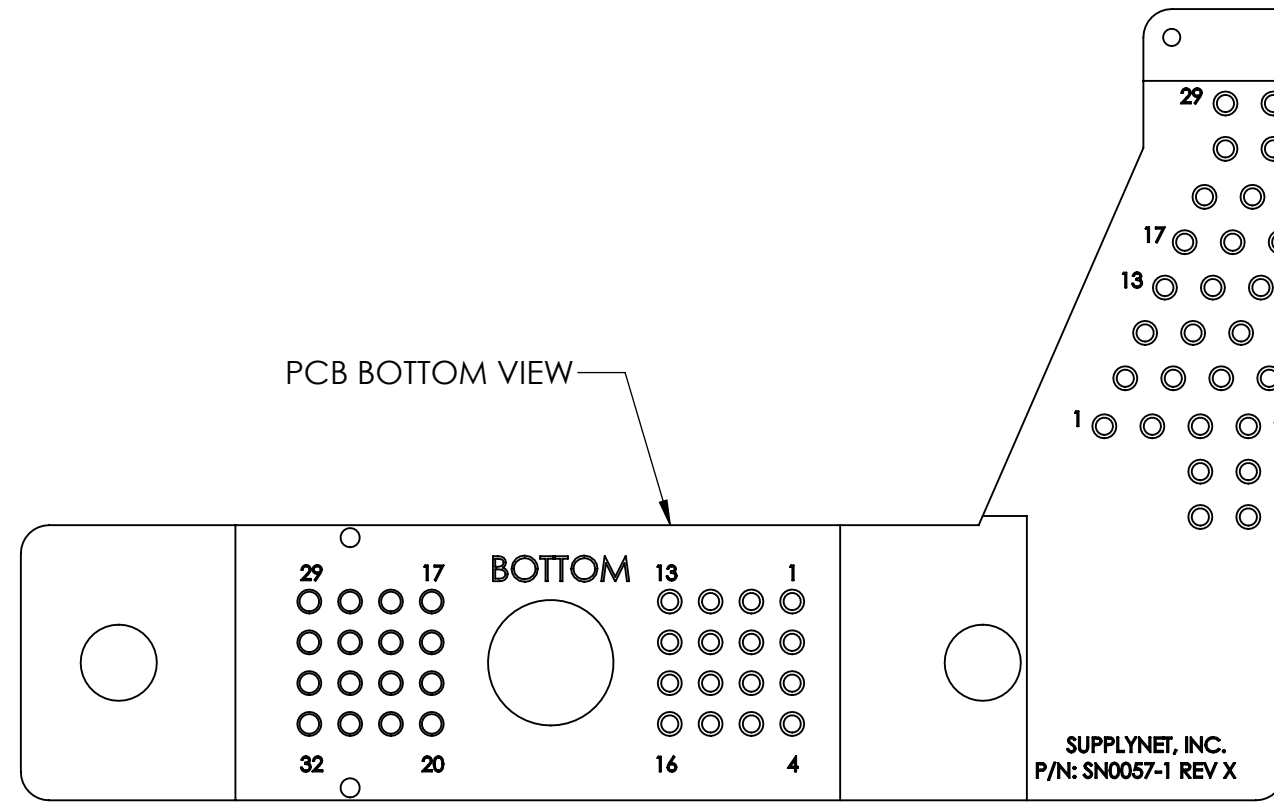| SIZE	DWG. NO.	REV
B	TE-32ML-E-XX	D

CAGE CODE: 1HJX9

SCALE: NA | WEIGHT: | SHEET 2 OF 2