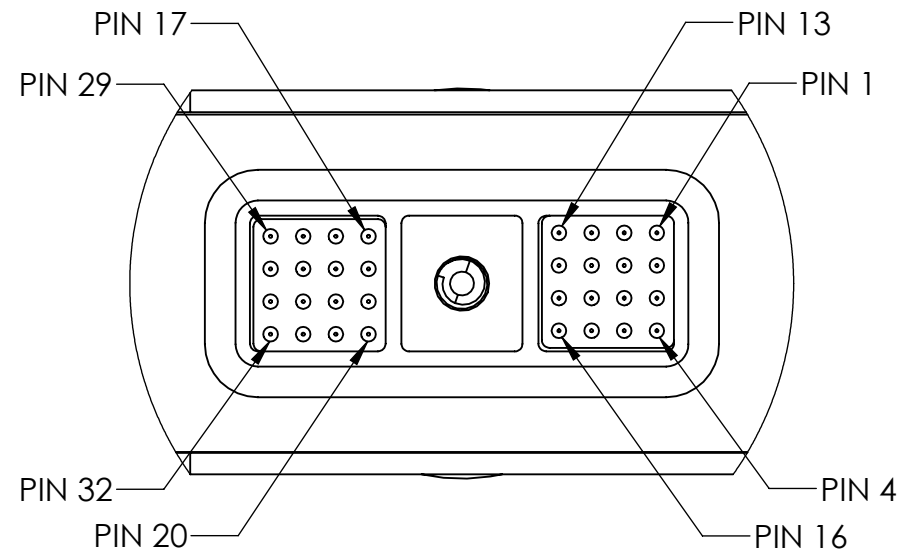


TABLE 1.	
ITEM 1. 19 CONDUCTOR	
PIN NUMBER	WIRE COLOR
1	RED
2	YELLOW
3	BLUE
4	BROWN
5	GREEN
6	WHITE
7	BLACK
8, 28	PURPLE
9	ORANGE
10	CLEAR
11	GRAY
12	PINK
13	TAN
14	LIGHT GREEN *
15	LIGHT BLUE *
16	DARK ORANGE **
17	DARK BLUE **
25	DARK GREEN **
26	CLEAR
E33, E34	SHIELD
* OPTIONAL WHITE BAND FOR CLARITY	
** OPTIONAL BLACK BAND FOR CLARITY	
ITEM 2. 12 CONDUCTOR	
PIN NUMBER	WIRE COLOR
18	BLACK
19	BLACK / WHITE
20	BROWN
21	BROWN / WHITE
22	RED
23	RED / WHITE
24	ORANGE
27	ORANGE / WHITE
29	YELLOW
30	YELLOW / WHITE
31	GREEN
32	GREEN / WHITE
E33, E34	SHIELD

**DETAIL A
SCALE 2 : 1**

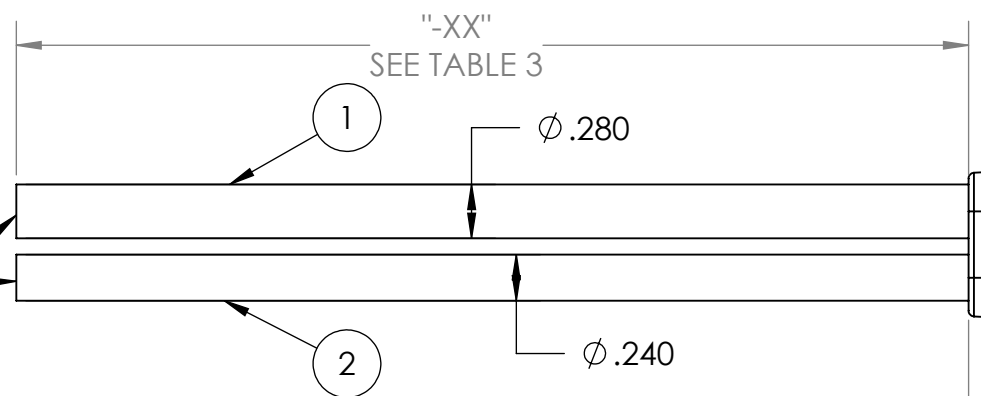


TWISTED PAIR

TWISTED PAIR

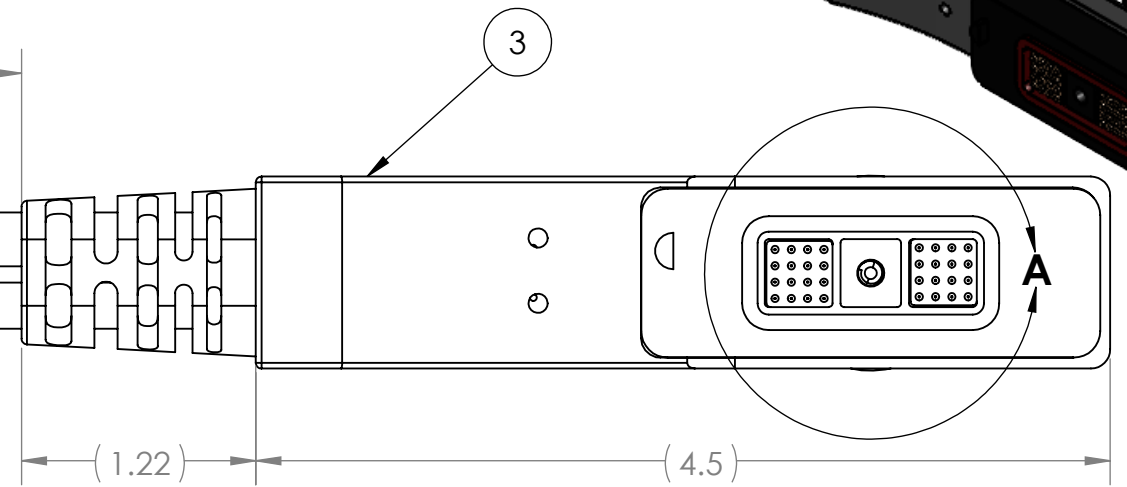
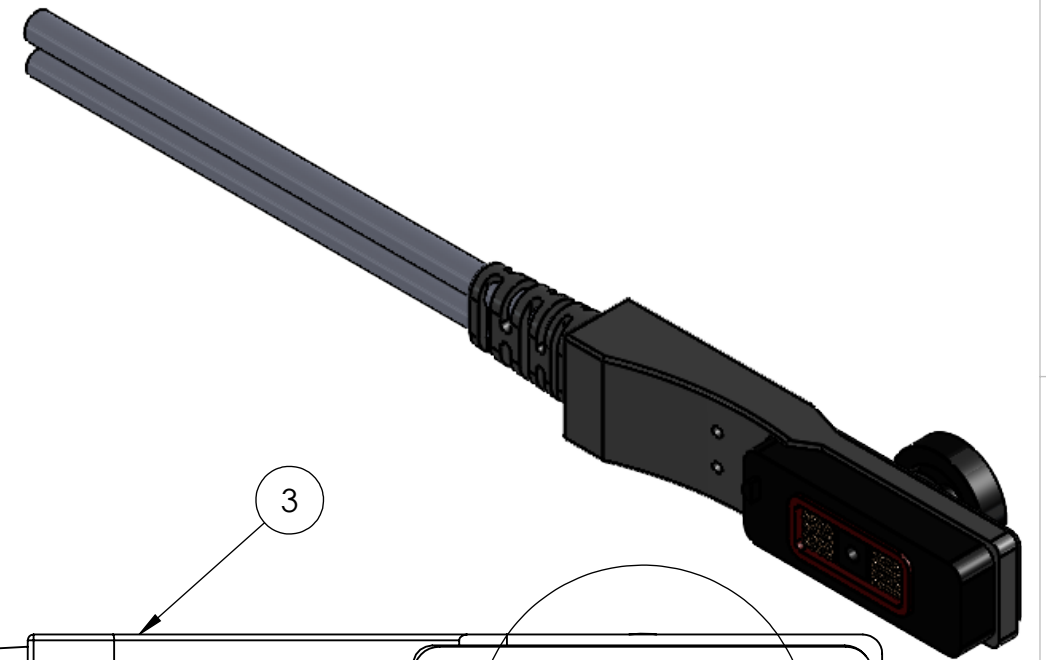
TWISTED PAIR

BLUNT CUT



01	1'	± 0.5"
02	2'	± 1.0"
03	3'	± 2.0"
06	6'	± 3.0"
09	9'	± 3.0"
12	12'	± 5.0"
15	15'	± 5.0"
20	20'	± 5.0"
25	25'	± 6.0"

REV	DATE	DESCRIPTION OF CHANGE	ENG
B	01/22/2020	ADDED 15 FOOT LENTH	RB



BILL OF MATERIALS				
ITEM NO.	PART NUMBER	QTY	NAME	COMMENTS
1	51234	74"	WIRE	19C CABLE. .270 DIA.
2	51245	74"	WIRE	12C CABLE. .235 DIA.
3	TE-32C-ASSY	1	CONNECTOR ASSEMBLY	INCLUDES HOUSING, FASTENERS, THUMBWHEEL. PROVIDED BY SUPPLYNET
4	SN0110	1	PCB	SUPPLYNET PROVIDED

NOTES:

- CABLES: ITEM 1:26 AWG, 19 CONDUCTOR,OD: 0.270 NOMINAL. POLYURETHANE INSULATION. OUTER SHIELD 38 AWG, TIN PLATED COPPER BRAID, 90% COVERAGE. ITEM 2: 26 AWG 0.235 NOMINAL DIAMETER POLYURETHANE INSULATION.
- OVERMOLD MATERIAL: 90A POLYETHER-TYPE THERMOPLASTIC POLYURETHANE (TPU).
- JACKET: BLACK MATTE FINISH.
- E33,E34 IS CHASSIS GROUND
- SOLDERING IAW IPC-J-STD-001 AS APPLICABLE.
- CABLE ASSEMBLIES TO BE 100% TESTEDFOR CONTINUITY, SHORTS AND INSULATION RESISTANCE (250V @100MOHM MINIMUM)
- IDENTIFICATION: BAG ANDIDENTIFY ON PACKAGING THE FOLLOWING INFORMATION FOR EACH PART DELIVERED. UOS PART MARKING ON THE WIRE IS PROHIBITED:
PN: TE-32CX2-R-XX REV X (REV MARKING PER PO)
CAGE CODE: 1HJX9
DATE OF MFGR: MM/YY
- WIRING FUNCTION: SEE TABLE 1 AND DRAWING SN0110.
- REFERENCE SUPPLYNET FILE NUMBER SN0117.
- MANUFACTURE AND INSPECT IAW IPC/WHMA A-620 CLASS 2.

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	TC	08/28/19
CHECKED	RJB	08/28/19
COMMENTS:		

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PART NUMBER: SN0117

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE: PRC-152, DUAL WIRE DATA CABLE, ALL SIGNALS POPULATED

SIZE	DWG. NO.	REV
B	TE-32CX2-R-XX	B

SCALE: NA WEIGHT: SHEET 1 OF 1