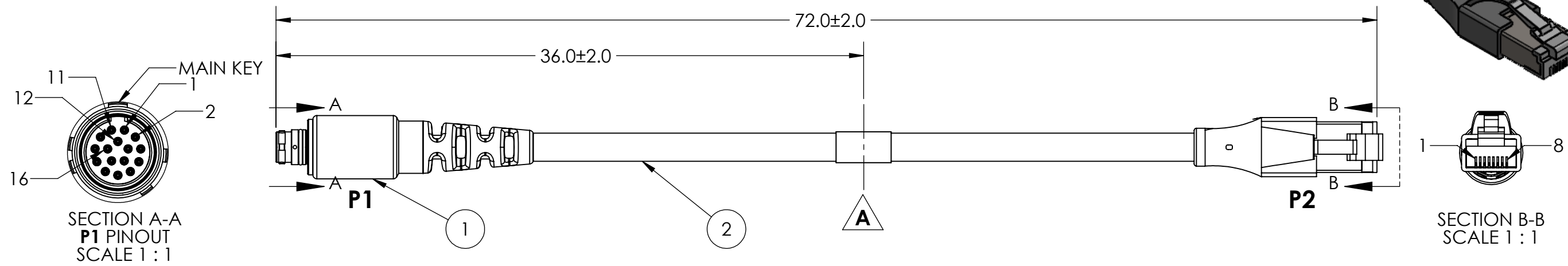


TABLE 2: LABEL IDENTIFICATION		
ITEM NO.	LABEL TEXT	NOTES
A	SN-2011 REV. X CAGE: 1HJX9 MFD: MMYY	REV. MARKING PER PO. SEE NOTE 2

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
1	PRELIM./UNDER REVIEW	5/09/2022	MOB



BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	A10WBM-P16XBC0-0000	1	ODU CIRC. CONN. 16 POS., PIN CONTACTS, KEY CODE "B"
2	SN-172-12	0.5	SUB-ASSEMBLY: RJ45(M) TO RJ45(M), 4C, 26 AWG, PU JACKET, SHIELDED, OD: .235 IN NOMINAL

- NOTES:
- WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 - MARKING REQUIREMENTS:
 - LABELS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 AS APPLICABLE.
 - LABELS SHALL BE WHITE WITH BLACK TEXT. REFER TO TABLE 2 FOR LABEL TEXT.
 - LABELS SHALL BE PLACED WHERE SHOWN IN DRAWING.
 - SOLDERING: IAW IPC-J-STD-001 CLASS 2 AS APPLICABLE
 - ASSEMBLY TO BE 100% TESTED FOR SHORTS & CONTINUITY.
 - MANUFACTURE AND INSPECT IAW IPC/WHMA A-620 CLASS 2.

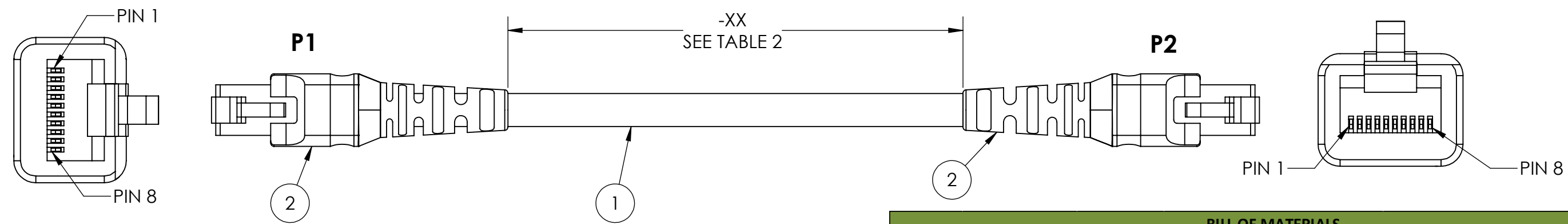
UNLESS OTHERWISE SPECIFIED:		NAME	DATE	REF. NUMBER: SN0931	
DIMENSIONS ARE IN: INCHES		DRAWN	MOB	SupplyNet DESIGN ENGINEERING MANUFACTURING	
TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005		CHECKED	RB	TITLE:	
ANGULAR: .X°: 1° .XX°: 0.5°		COMMENTS:		PRC-167 J5 to RJ45(M)	
BREAK EDGES: .005 - .020		PROPRIETARY AND CONFIDENTIAL		SIZE DWG. NO. REV	
FILLETS: .005 - .020		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.		B SN-2011 1	
SURFACE FINISH:		DO NOT SCALE DRAWING		CAGE CODE: 1HJX9	
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009		SCALE: NA		WEIGHT:	
MATERIAL: SEE DRAWING NOTES		SHEET 1 OF 2			
FINISH: SEE DRAWING NOTES					

TABLE 1. WIRE RUN LIST		
PINS (P1) RJ45 M	WIRE COLOR	PINS(P2)RJ45 M
1	WHITE	1
2	ORANGE	2
3	WHITE	3
6	BLUE	6
SHELL	BRAIDED SHIELD	SHELL

TWISTED PAIRS

TABLE 2. WIRE LENGTH LIST	
-XX	LENGTH IN FEET
-01	1 (+/- .5")
-03	3 (+/- .5")
-06	6 (+/- 1")
-12	12 (+/- 1")
-16	16 (+/- 2")
-20	20 (+/- 2.5")
-25	25 (+/- 2.5")
-30	30 (+/- 2.5")
-50	50 (+/- 3.5")

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE OF DRAWING	7/7/16	TC
B	ADDED "-30" TO TABLE 2, ADJUSTED NOTES	11/29/2021	MOB



ITEM NO. 2 SUB-ASSEMBLY DRAWING

BILL OF MATERIALS				
ITEM NO.	PART NUMBER	QTY	NAME	COMMENTS
1	51286	-XX	ETHERNET WIRE	26 AWG, 4C, SHIELDED, PU JACKET, OD: 0.235 NOMINAL
2	TBD	2	OVERMOLDED RJ45 CONN	

- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. OVERMOLD MATERIAL: 90A POLYETHER-TYPE THERMOPLASTIC POLYURETHANE (TPU).
 3. SOLDERING: IAW IPC-J-STD-CLASS 2 AS APPLICABLE.
 4. ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @ 100 MOHM MIN.)
 5. IDENTIFICATION: BAG AND IDENTIFY ON PACKAGING THE FOLLOWING FOR EACH PART DELIVERED.
PN: SN-172-XX REV. X ("XX" & REV MARKING PER PO)
CAGE CODE: 1HXJ9
MFD: MM/YY
 6. MANUFACTURE AND INSPECT IAW IPC/WHMA A-620 CLASS 2.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN: INCHES		DRAWN	TC 07/07/16
TOLERANCES: .XX: ± 0.03		CHECKED	RJB 07/07/16
.XXX: ± 0.005		COMMENTS:	
ANGULAR: .X*: 1°		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.	
.XX*: 0.5°			
BREAK EDGES: .005 - .020			
FILLET: .005 - .020			
SURFACE FINISH:		CAGE CODE: 1HXJ9	
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009			
MATERIAL: SEE DRAWING NOTES			
FINISH: SEE DRAWING NOTES			
DO NOT SCALE DRAWING			

REF. NUMBER: SN0426		
TITLE: RJ45(M) TO RJ45 (M) CABLE		
SIZE B	DWG. NO. SN-172-XX	REV B
SCALE: NA	WEIGHT:	SHEET 2 OF 2