

NOTES:

A. CABLE
 UL 2464 [24AWG(7/0.20 TC)*5C]*1C,
 UNSHIELDED, -30 TO 80°C
 BLACK PVC JACKET

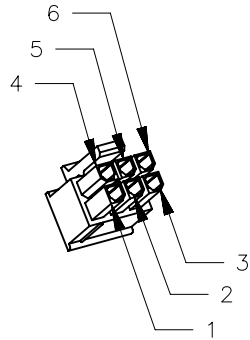
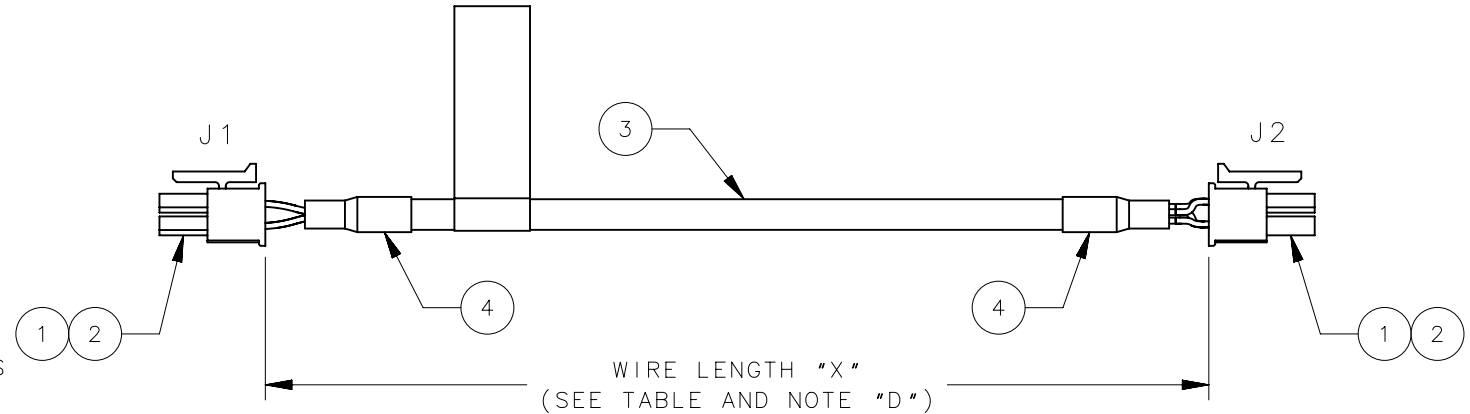
B. WIRE DESIGNATION TABLE

WIRE COLOR	J1	J2
BROWN	1	1
RED	2	2
ORANGE	3	3
YELLOW	4	4
NOT USED	5	5
BLACK	6	6

C. ALL MATERIALS SHALL COMPLY WITH RoHS
 DIRECTIVE AND REACH REGULATION.

D. LENGTH MEASURED FROM BACK OF
 CONNECTOR TO BACK OF CONNECTOR.

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
B	25MAY2023	ZAM/MLL	P2023-0984



J1 & J2 PIN
 DESIGNATION

HARNESS COMPATIBILITY TABLE	
BLUETOOTH CONTROLLER	LATCH
EA-BT-4043-10-B1	R4-EM-9 (DOOR AND SENSOR VERSIONS)

4	HEAT SHRINKABLE TUBING	2	-	BLACK
3	CABLE	-	-	SEE NOTE A
2	CONTACT	10	MOLEX: 43030-0007 (OR APPROVED EQUIVALENT)	-
1	CONNECTOR J1 & J2	2	MOLEX: 43025-0600 (OR APPROVED EQUIVALENT)	-
-	ASSEMBLY	1	EA-W21-X25-21	-
NO.	COMPONENT	QTY	PART NUMBER	SPECIFICATIONS

WIRE LENGTH TABLE		
"X"	LENGTH (mm)	TOLERANCE (mm)
A	150	+25mm-0mm
B	1800	+100mm-0mm
C	2500	+100mm-0mm
1	1000	+50mm-0mm
2	2000	+100mm-0mm
3	3000	+100mm-0mm
4	4000	+150mm-0mm
5	5000	+150mm-0mm

THIRD ANGLE PROJECTION

MILLIMETERS [IN]

TOLERANCES UNLESS OTHERWISE NOTED

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

PER ASME Y14.5M-1994

PROPRIETARY ITEM
 EXCEPT FOR USES EXPRESSLY GRANTED
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 ARE RESERVED BY SOUTHCO, INC.

southco[®]
 CONNECT • CREATE • INNOVATE

DESCRIPTION
 WIRE HARNESS

SIZE A4 SYSTEM NX DWG NO. J-EA-W21-X25-21

DRAWN BY ZAM DATE 26AUG2022 SCALE 1:1 SHEET 1 OF 1