



NOTES (UNLESS SPECIFIED OTHERWISE):

1.0 DESCRIPTION AND APPLICATION:
1.1 ASSEMBLY TO BE USED IN A COMMERCIAL PRODUCT (INDOOR USE).

2.0 APPLICABLE DOCUMENTATION:
2.1 INTERPRET DRAWING PER ASME Y14.5-2009 DIMENSIONING AND TOLERANCING STANDARDS.

3.0 REQUIREMENTS:
3.1 IF PROVIDED, ALL DIMENSIONS SHOWN SHALL BE CHECKED DURING FIRST ARTICLE INSPECTION. FAI MUST BE APPROVED FOR THE SPECIFIC REVISION OF THIS ASSEMBLY PRIOR TO SHIPMENT OF PARTS.
3.2 DIMENSIONS INDICATED BY (X.XXX) ARE PROCESS CONTROL/MONITORING DIMENSIONS.
3.3 PARTS MUST BE FREE OF ANY FOREIGN MATERIAL, INCLUDING BUT NOT LIMITED TO: DIRT, CHIPS, OIL, AND OTHER CONTAMINANTS.
3.4 NO CHANGES SHALL BE ALLOWED, REGARDLESS OF WHETHER SUCH CHANGE AFFECTS CHARACTERISTICS, WITHOUT PRIOR EXPLICIT APPROVAL BY PUMP STUDIOS AND/OR VOTINGWORKS.

3.5 ASSEMBLE AND INSTALL CRIMP CONTACTS INTO CONNECTOR HOUSING PER MANUFACTURER'S RECOMMENDATION.

3.6 INSERT WIRES INTO CONNECTOR HOUSINGS PER WIRE TABLE.

3.7 ADD LABEL AT INDICATED LOCATION WITH PRINTED BLACK TEXT "VX~02-00081-A" PER MANUFACTURER RECOMMENDATION. MINIMUM FONT HEIGHT = 2 MM.

REVISIONS				
REV.	DESCRIPTION	CR #	DATE	SUBMITTED BY
A	INITIAL RELEASE	-	10/10/2024	DBC

WIRE TABLE	
CONN 1, PIN 1	CONN 2, PIN 1
CONN 1, PIN 2	CONN 2, PIN 2
CONN 1, PIN 3	CONN 2, PIN 3
CONN 1, PIN 4	CONN 2, PIN 4
CONN 1, PIN 5	CONN 2, PIN 5
CONN 1, PIN 6	CONN 2, PIN 6
CONN 1, PIN 7	CONN 2, PIN 7
CONN 1, PIN 8	CONN 2, PIN 8
CONN 1, PIN 9	CONN 2, PIN 9
CONN 1, PIN 10	CONN 2, PIN 10
CONN 1, PIN 11	CONN 2, PIN 11
CONN 1, PIN 12	CONN 2, PIN 12
CONN 1, PIN 13	CONN 2, PIN 13
CONN 1, PIN 14	CONN 2, PIN 14
CONN 1, PIN 15	CONN 2, PIN 15
CONN 1, PIN 16	CONN 2, PIN 16
CONN 1, PIN 17	CONN 2, PIN 17
CONN 1, PIN 18	CONN 2, PIN 18
CONN 1, PIN 19	CONN 2, PIN 19
CONN 1, PIN 20	CONN 2, PIN 20
CONN 1, PIN 21	CONN 2, PIN 21
CONN 1, PIN 22	CONN 2, PIN 22
CONN 1, PIN 23	CONN 2, PIN 23
CONN 1, PIN 24	CONN 2, PIN 24
CONN 1, PIN 25	CONN 2, PIN 25
CONN 1, PIN 26	CONN 2, PIN 26
CONN 1, PIN 27	CONN 2, PIN 27
CONN 1, PIN 28	CONN 2, PIN 28
CONN 1, PIN 29	CONN 2, PIN 29
CONN 1, PIN 30	CONN 2, PIN 30
CONN 1, PIN 31	CONN 2, PIN 31
CONN 1, PIN 32	CONN 2, PIN 32
CONN 1, PIN 33	CONN 2, PIN 33
CONN 1, PIN 34	CONN 2, PIN 34

3	68	JST~SPHD-002T-P0.5	CONNECTOR SOCKET CRIMP, 24-28AWG, TIN
2	34	ALPHA-WIRE~5853-19-BK005	WIRE, 26 AWG, 19/38, BLACK
1	2	JST~PHDR-34VS	CONNECTOR RECEPTACLE HOUSING, 34POS, 2.00MM
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION

MATERIAL
SEE BOM

FINISH
SEE BOM

COLOR
SEE BOM

EST. WEIGHT
10.60

ENGINEER
DBC

RELEASE DATE
10/11/2024

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
DO NOT SCALE DRAWING

TOLERANCES: SEE NOTES

THIRD ANGLE
PROJECTION

APPROVED BY
PAK

APPROVED DATE
10/24/2024

CAD TYPE
MULTI PART ASSEMBLY

DESCRIPTION
CABLE, INTERNAL PRINTER, 34-POS

PART NUMBER
VX~02-00081

REV.
A

SIZE
B

SCALE
2:1

SHEET
1 OF 1