

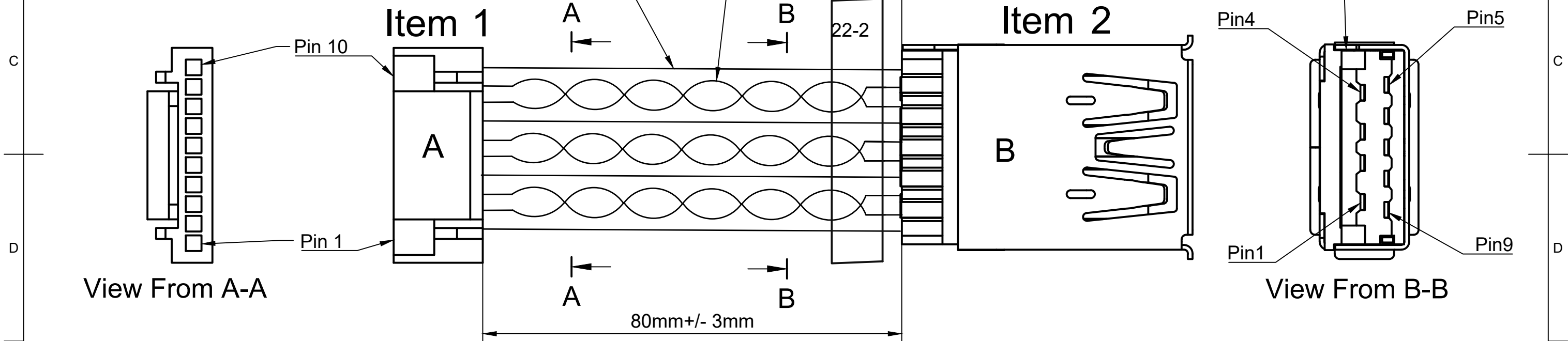
Pinout		
Signal	CON A	CON B
VBUS	1	1
D-	2	2
D+	3	3
GND	4	4
STDA_SSRX-	5	5
STDA_SSRX+	6	6
GND	7	7
STDA_SSTX-	8	8
STDA_SSTX+	9	9
SHIELD/GND	10	10

Label Specification	
Text	22-2
Text Color	Black
Label Color	Silver or White
Label Height	9mm
Label Width	40mm

Item 2 Note

* WIRE LEADS TO CON A&B, Graphic Illustration Only, FOLLOW PINOUT TABLE

Twisted Pairs for Pins 2:3, 5:6, 8:9



PARTS LIST (NO SUBSTITUTIONS FOR LISTED MPNs UNLESS APPROVED BY MODALAI)

ITEM #	DESCRIPTION	MPN	QTY
1	CON A: JST 1.25MM HOUSING, 10-POS	GHR-10V-S	1
2	CON B: CNC TECH USB3.0 IN-LINE	1003-006-01200	1
3	Terminal JST eGH Series 30-26AWG	SSHL-002T-P0.2	10
4	Black PVC cable, 26AWG, 80mm		4
5	White/Green Twisted Pair PVC cable, 28AWG, 80mm effective		3
6	Silver (or white) Label, see label specs above, do not cover with heatshrink		1
7	Silicon Heatshrink, applied to CON B soldered leads		1

<https://www.modalai.com/>



Design Copyright by ModalAI, INC.

Document type
NF_CABLE_DWG

Title
**JST to USB3
Host Cable
Prototype**

Approved by
HW_ENG

Document status

DWG No.

MCBL-00022-2

Rev.	Revision Date	Sheet
A	01/03/2023	1