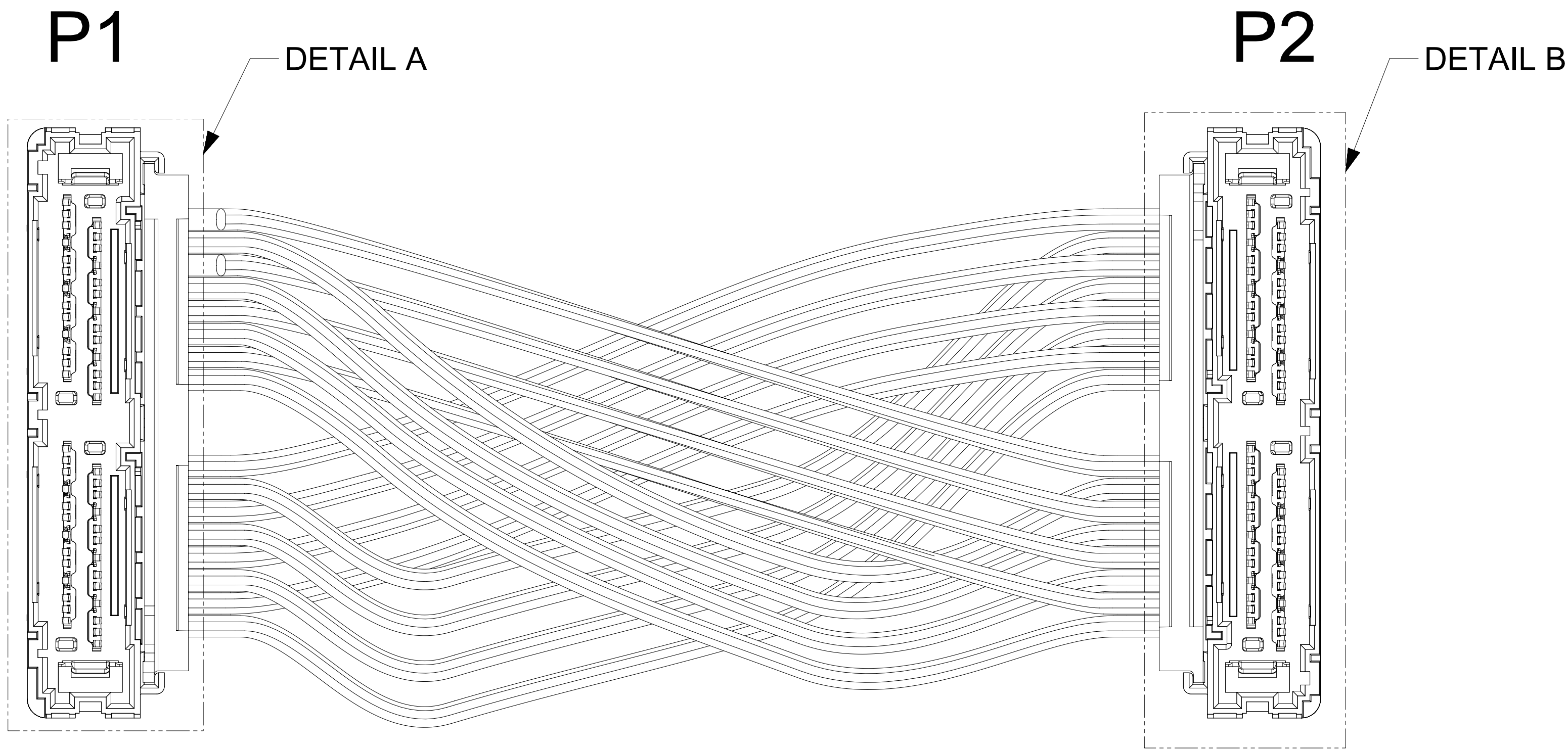
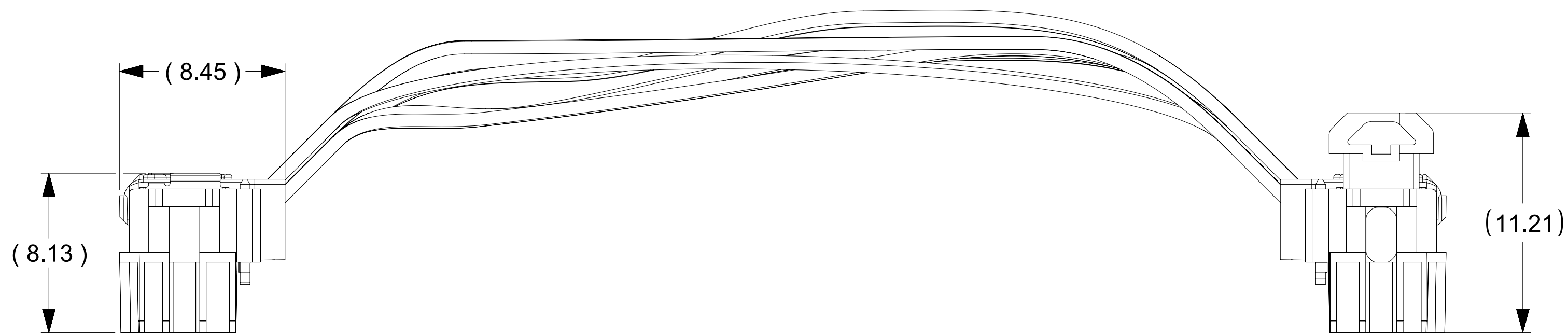
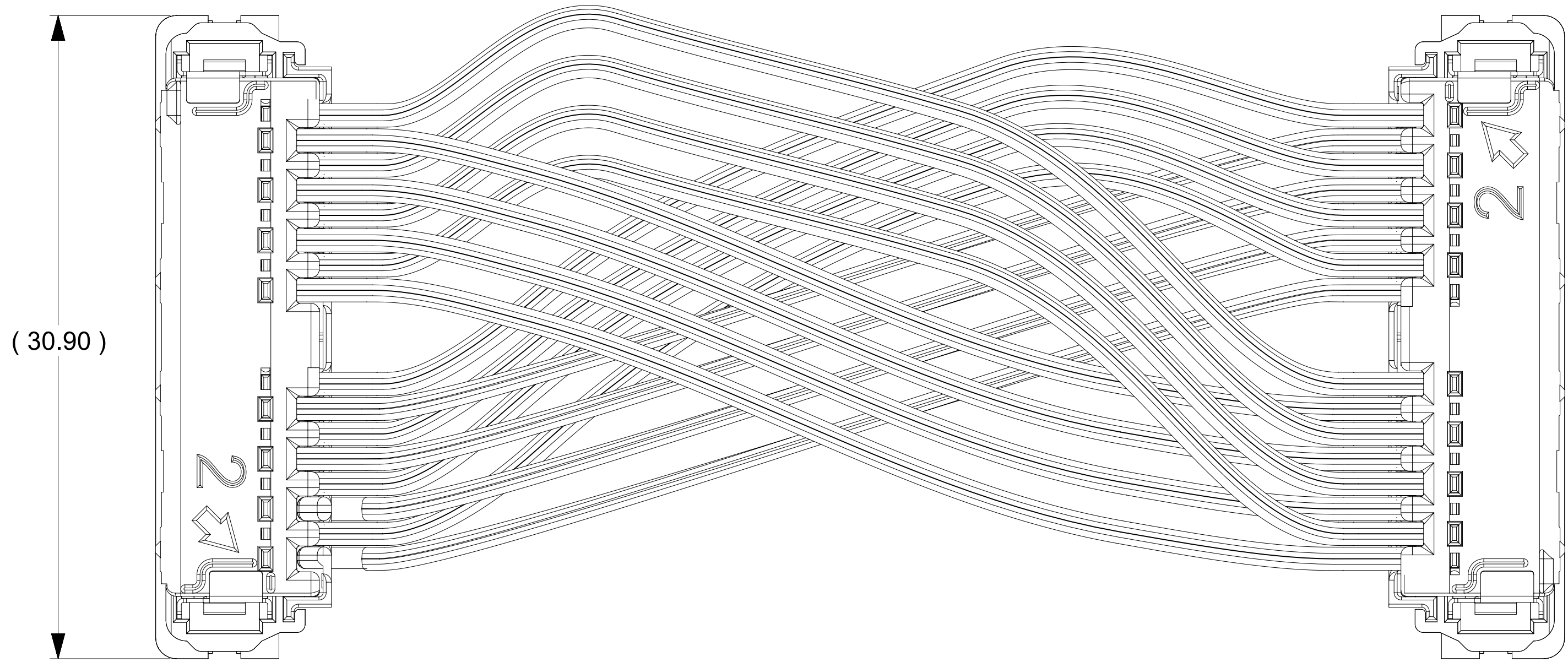
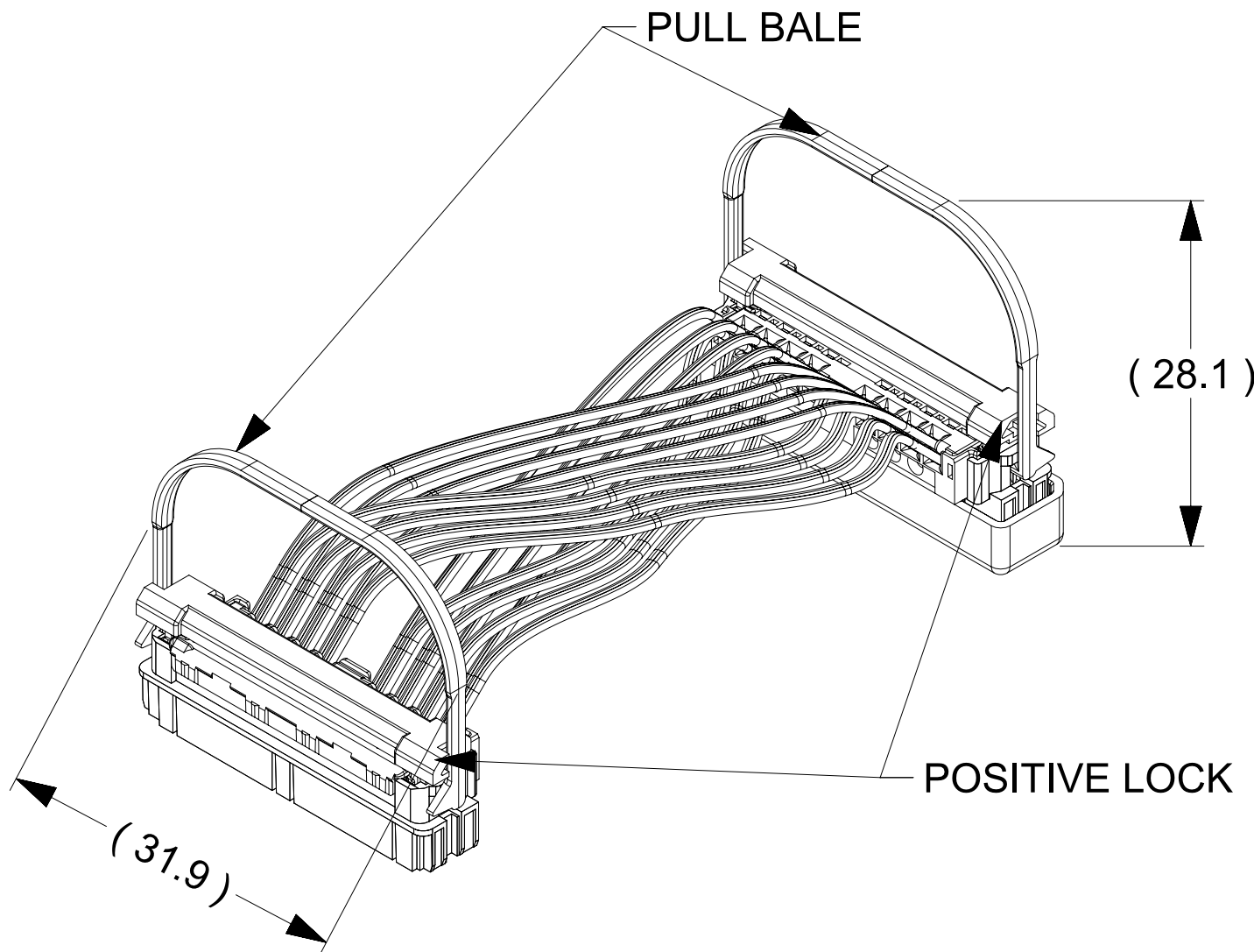
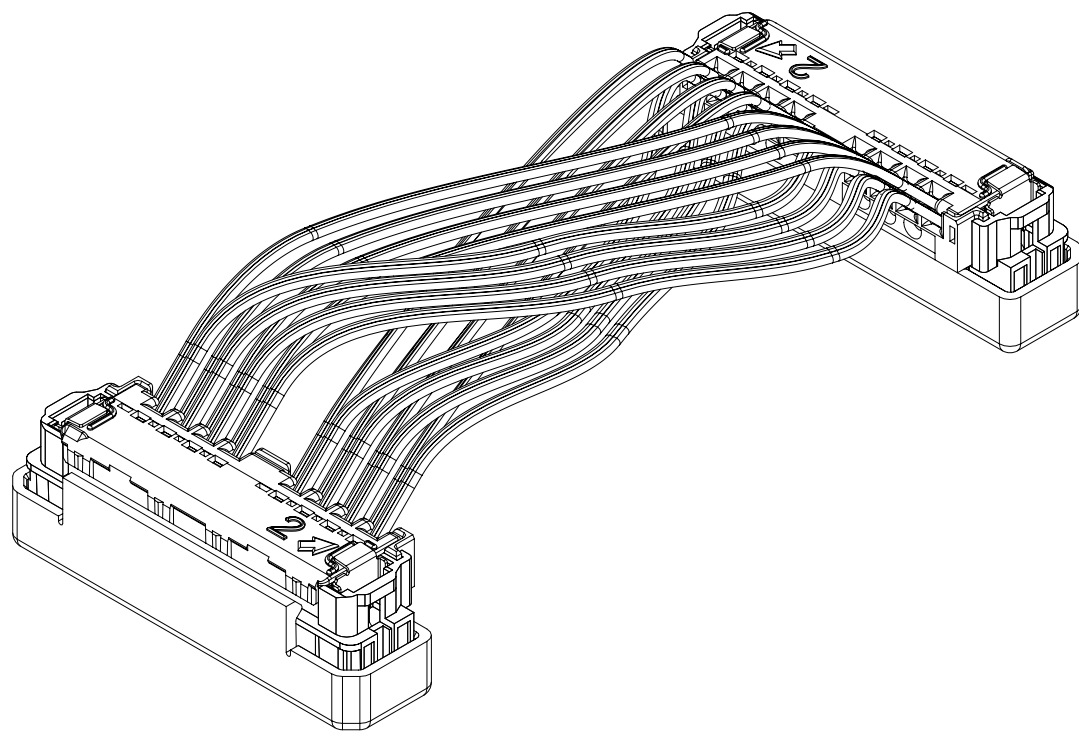




- NOTES:
- MATERIAL:
HOUSING: LCP, GLASS FILLED, UL 94V-0, BLACK
CONTACT: HIGH PERFORMANCE COPPER ALLOY
RETAINER: POLYCARBONATE, CLEAR
PROTECTIVE COVER: HPPE, BLUE
PULL BAILE: NYLON, BLUE
POSITIVE LOCK: NYLON, BLUE
 - FINISH: CONTACT 30 MICROINCHES MIN SELECTIVE GOLD ON CONTACT AREA, NICKEL OVERALL
 - PRODUCT SPECIFICATION: 2033160001-PS
 - PACKAGING SPECIFICATION: 2072491000-PK
 - APPLICATION SPECIFICATION: 2033160001-AS
 - MATES TO 16PR PLUG PART NUMBERS AS STATED ON DRAWING 2072442000PSD
 - SEE TABLE FOR CABLE LENGTH "L" AND CABLE ASSEMBLY PART NUMBER WITH TWINAX CABLE TYPE LISTED.
 - TWINAX CABLE PART NUMBER 1000680079 IS 34 AWG, 100 OHM.
 - REFER TO APPLICATION SPECIFICATION FOR ROUTING GUIDELINES & MINIMUM BEND RADIUS.
 - THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.



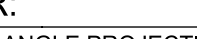
NEARSTACK 100-OHM 16 DP CABLE ASSEMBLY WITH PULL BAILE AND POSITIVE LOCK

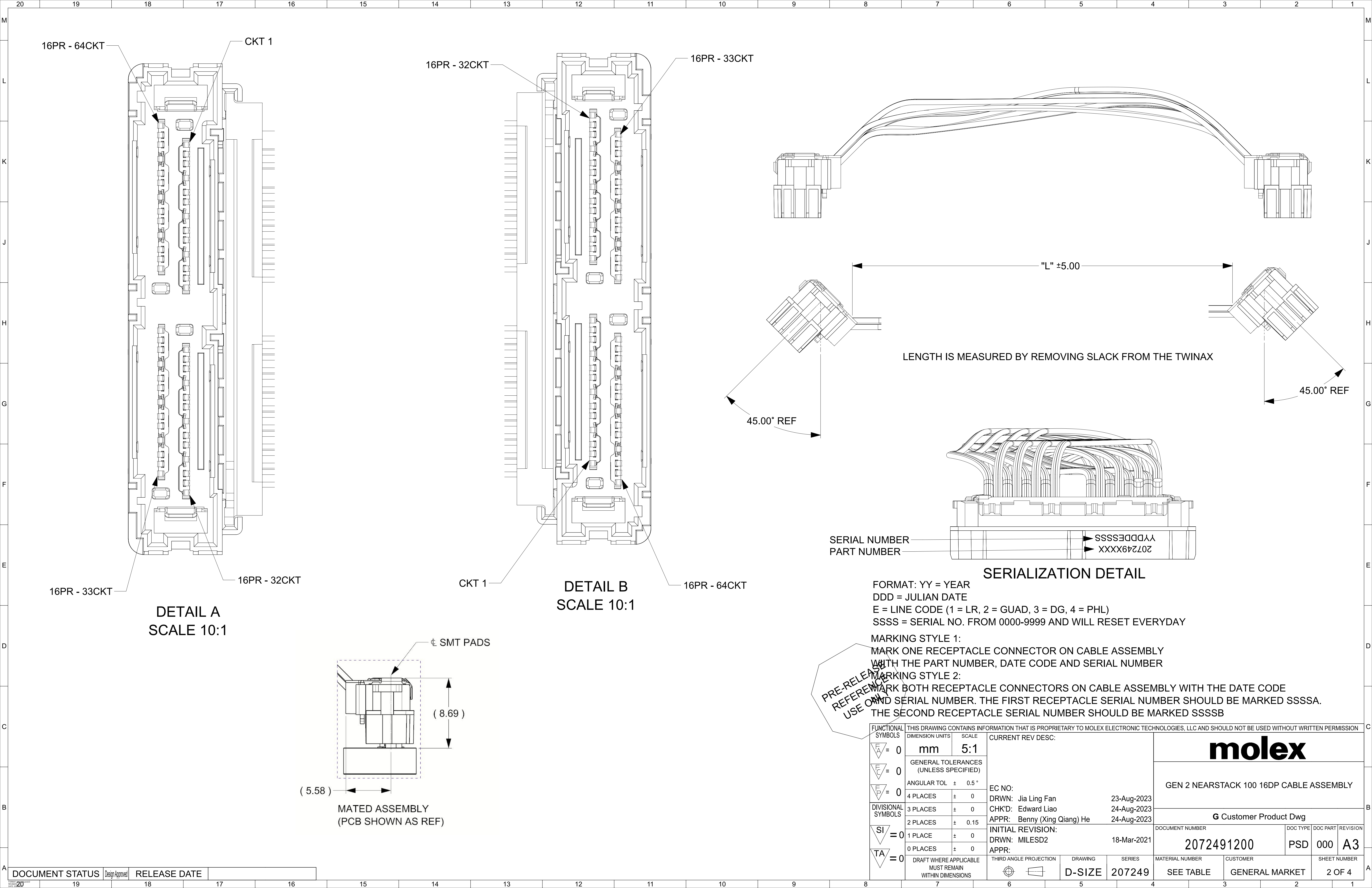


SHOWN WITH PROTECTIVE CAP

NEARSTACK 100-OHM 16 DP CABLE ASSEMBLY WITHOUT PULL BAILE NOR POSITIVE LOCK

PRE-RELEASE
REFERENCE
USE ONLY

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
F A = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		5:1												
F C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							GEN 2 NEARSTACK 100 16DP CABLE ASSEMBLY							
	ANGULAR TOL ± 0.5 °														
F P = 0	4 PLACES ± 0														
	3 PLACES ± 0														
DIVISIONAL SYMBOLS	2 PLACES ± 0.15				EC NO: DRWN: Jia Ling Fan 23-Aug-2023 CHK'D: Edward Liao 24-Aug-2023 APPR: Benny (Xing Qiang) He 24-Aug-2023			G Customer Product Dwg							
	1 PLACE ± 0														
SI = 0	0 PLACES ± 0				INITIAL REVISION: DRWN: MILESD2 18-Mar-2021 APPR:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION 			2072491200		PSD	000	A3
TA = 0					DRAWING						SERIES		MATERIAL NUMBER		CUSTOMER
					D-SIZE			207249		SEE TABLE		GENERAL MARKET		1 OF 4	



A3
A3

A3
A3

16 PAIR CABLE ASSEMBLY					
MATERIAL #	PULL BALE	POSITIVE LOCK	"L"	MARKING TYPE	CABLE
2072495002	Yes	No	80	STYLE 1	1000680079
2072495003			90		
2072495004			100		
2072495006			150		
2072495008			200		
2072495010			250		
2072495012			300		
2072495013			325		
2072495014			350		
2072495016			400		
2072495018			450		
2072495020			500		
2072495024			600		
2072495034			850		
2072495040			1000		
2072499700			210		
2072496000	No	No	340	STYLE 2	
2072496001			440		
2072496002			540		
2072496003			640		
2072496004			740		
2072496005			840		
2072496006			940		
2072496007			1040		
2072497002	Yes	Yes	80	STYLE 1	
2072497003			90		
2072497004			100		
2072497006			150		
2072497008			200		
2072497010			250		
2072497012			300		
2072497013			325		
2072497014			350		
2072497016			400		
2072497018			450		
2072497020			500		
2072497024			600		
2072497034			850		
2072497040			1000		
2072499900			210		

16 PAIR PINOUT

P1		P2	
CKT		CKT	
1	GND	49	GND
2	S	50	S
3	S	51	S
4	GND	52	GND
5	GND	53	GND
6	S	54	S
7	S	55	S
8	GND	56	GND
9	GND	57	GND
10	S	58	S
11	S	59	S
12	GND	60	GND
13	GND	61	GND
14	S	62	S
15	S	63	S
16	GND	64	GND
17	GND	33	GND
18	S	34	S
19	S	35	S
20	GND	36	GND
21	GND	37	GND
22	S	38	S
23	S	39	S
24	GND	40	GND
25	GND	41	GND
26	S	42	S
27	S	43	S
28	GND	44	GND
29	GND	45	GND
30	S	46	S
31	S	47	S
32	GND	48	GND

P1		P2	
CKT		CKT	
33	GND	17	GND
34	S	18	S
35	S	19	S
36	GND	20	GND
37	GND	21	GND
38	S	22	S
39	S	23	S
40	GND	24	GND
41	GND	25	GND
42	S	26	S
43	S	27	S
44	GND	28	GND
45	GND	29	GND
46	S	30	S
47	S	31	S
48	GND	32	GND
49	GND	1	GND
50	S	2	S
51	S	3	S
52	GND	4	GND
53	GND	5	GND
54	S	6	S
55	S	7	S
56	GND	8	GND
57	GND	9	GND
58	S	10	S
59	S	11	S
60	GND	12	GND
61	GND	13	GND
62	S	14	S
63	S	15	S
64	GND	16	GND

PRE-RELEASE
REFERENCE
USE ONLY

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex				
	mm		1:1											
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									GEN 2 NEARSTACK 100 16DP CABLE ASSEMBLY				
 = 0	ANGULAR TOL ± 0.5°													
DIVISIONAL SYMBOLS	4 PLACES		± 0		EC NO: DRWN: Jia Ling Fan 23-Aug-2023 CHK'D: Edward Liao 24-Aug-2023 APPR: Benny (Xing Qiang) He 24-Aug-2023									
	3 PLACES		± 0											
	2 PLACES		± 0.15											
	1 PLACE		± 0											
 = 0	INITIAL REVISION:				DOCUMENT NUMBER 2072491200					DOC TYPE PSD	DOC PART 000	REVISION A3		
	DRWN: MILESD2 18-Mar-2021													
 = 0	APPR:				THIRD ANGLE PROJECTION					DRAWING D-SIZE	SERIES 207249	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 4
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													

DOCUMENT STATUS	Design Approved	RELEASE DATE	
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