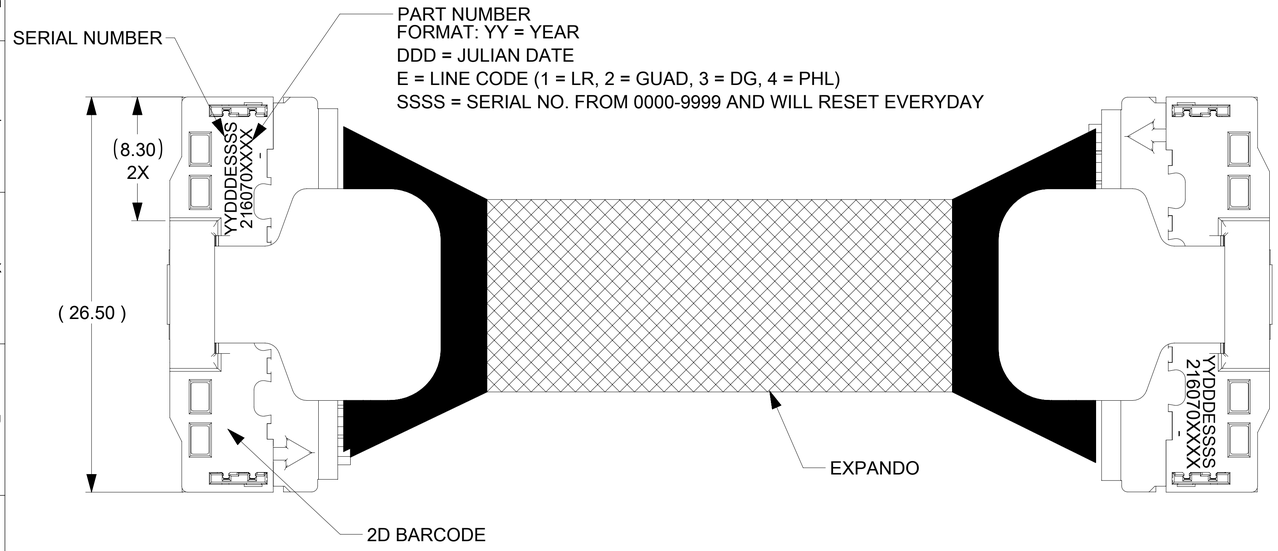
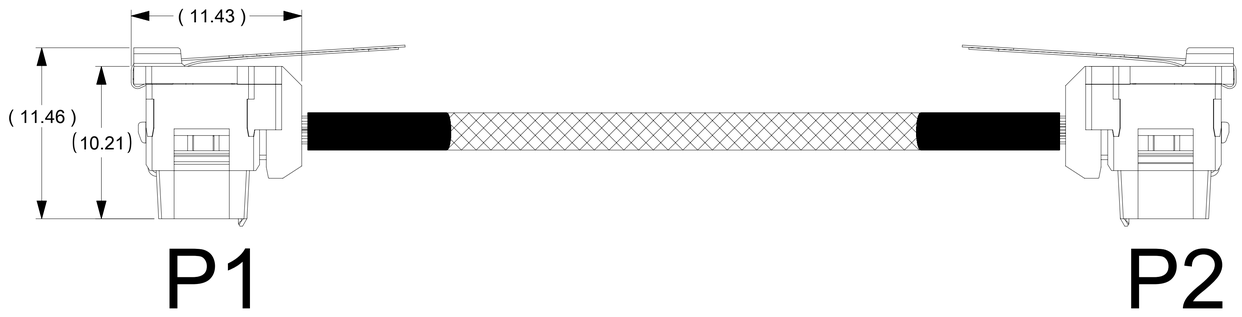
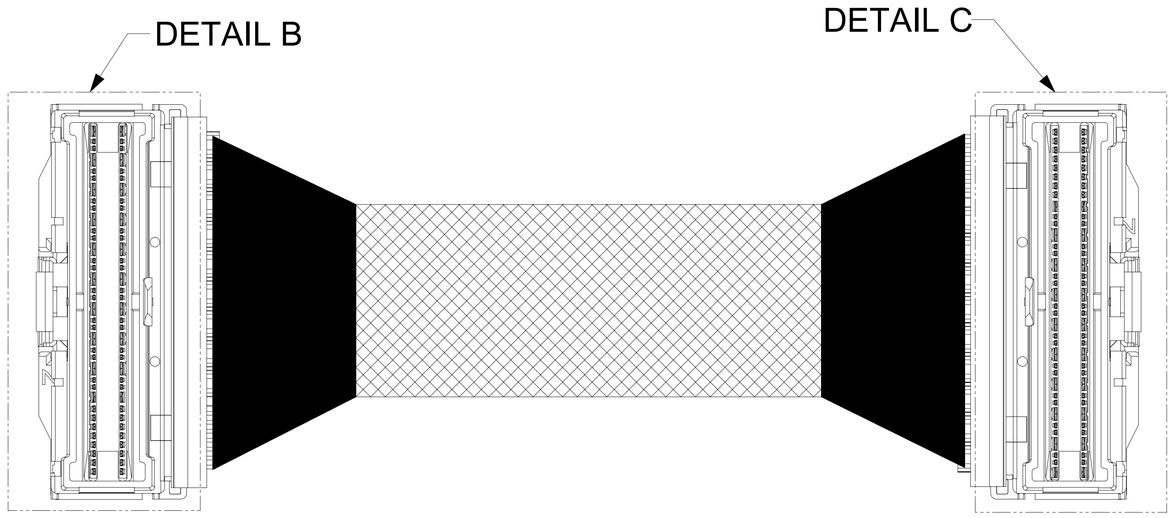


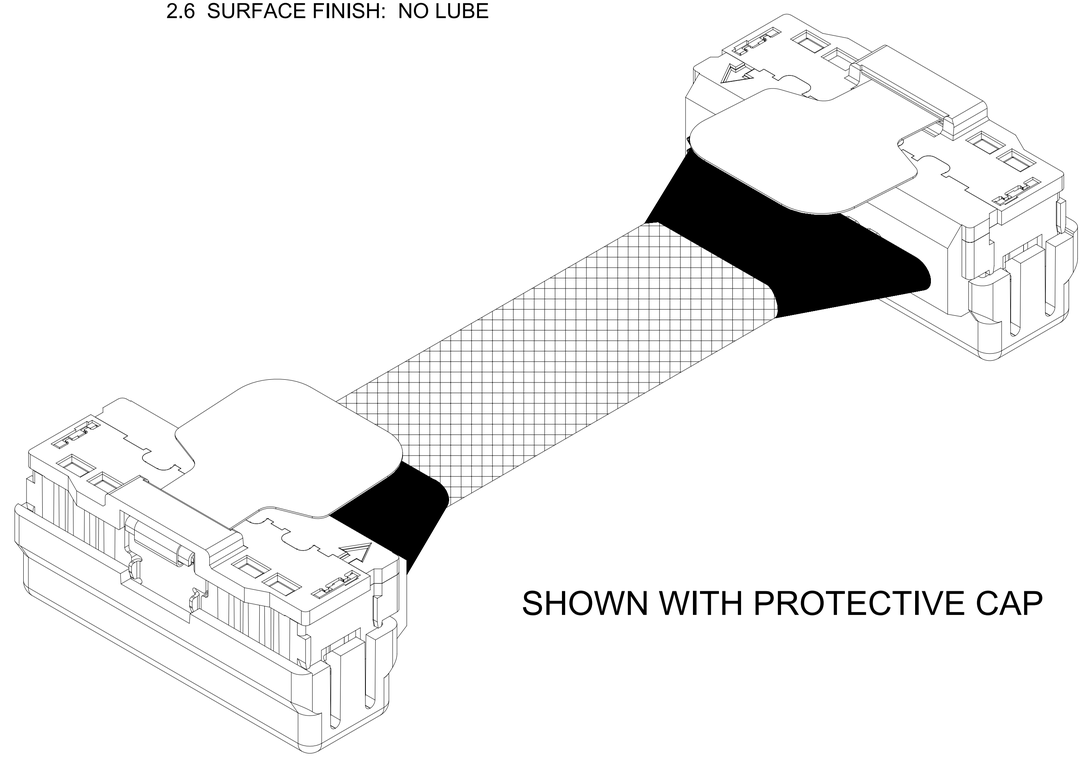




SALES DWG ASSEMBLY NOTES:

1. GENERAL:
   - 1.1 PRODUCT SPECIFICATION: 2080210001-PS
   - 1.2 TEST SUMMARY: XXXXXXXXXX-TS
   - 1.3 APPLICATION SPECIFICATION: 2080210001-AS
     REFERENCE SPECIFICATION FOR ROUTING GUIDELINES 7 MINIMUM BEND RADIUS
   - 1.4 PACKAGING SPECIFICATION: 2160701000pddPK
   - 1.5 COSMETIC SPECIFICATION: PS-45499-002 CLASS B
   - 1.6 GEOMETRIC TOLERANCES: ASME Y14.5 2009
   - 1.7 SOLDERABILITY SPECIFICATION: N/A
   - 1.7 MATES WITH: 2080211000 & 2080211100 - 18DP 16SE (SINGLE ENDED) PLUG

2. DESIGN - MATERIALS:
   - 2.1 HOUSING MATERIAL: LCP, GLASS FILLED, UL94V-2, COLOR: BLACK
   - 2.2 CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY
   - 2.3 CABLE STRAIN RELIEF: THERMOPLASTIC POLYAMIDE, BLACK
   - 2.4 PROTECTIVE COVER: PP, BLUE
   - 2.5 PLATING:
     SELECT GOLD IN CONTACT AREA: 0.76 MICROMETERS MIN OVER NICKEL
   - 2.6 SURFACE FINISH: NO LUBE



SHOWN WITH PROTECTIVE CAP

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DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NOTE 2.3 WAS "RETAINER: POLYCARBONATE CLEAR"

EC NO:	690079	
DRWN:	TPREMO	2021/12/22
CHK'D:	MICAB	2022/01/04
APPR:	JGONZALEZ01	2022/01/04

INITIAL REVISION:

DRWN:	TIBARRA	2020/05/21
APPR:	DMCGOWAN	2020/09/17

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 216070

molex

NEARSTACK PCIE 18DP & 16SE CABLE ASSY

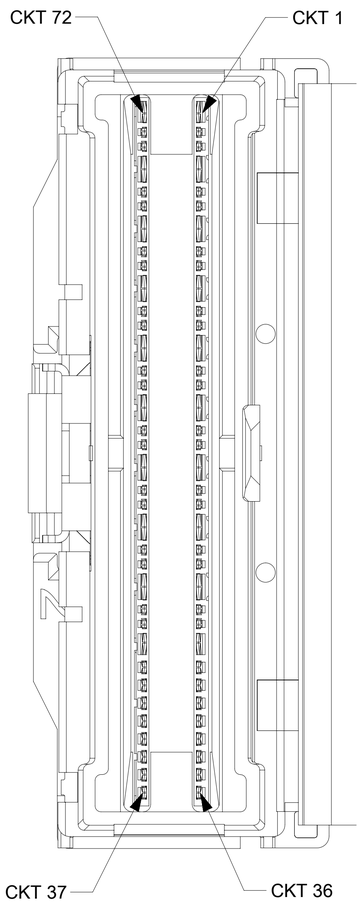
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2160701000	PSD	000	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

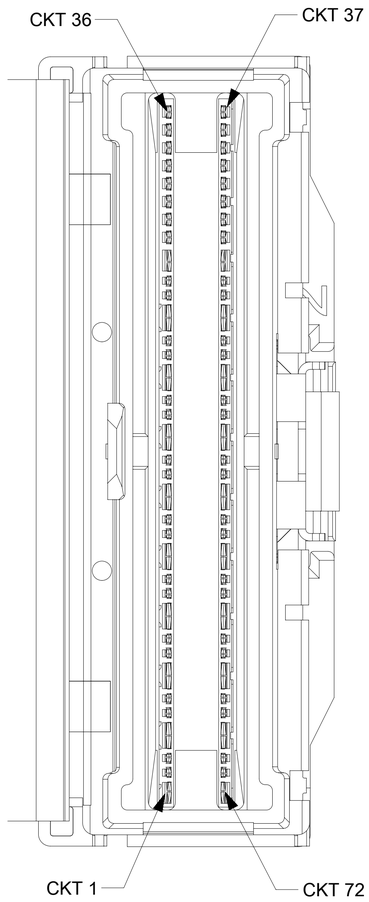
DOCUMENT STATUS	P1	RELEASE DATE	2022/01/04 20:02:48

P1

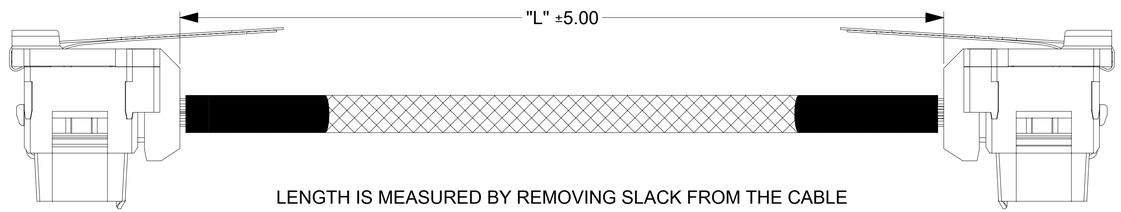


DETAIL B
SCALE 10:1

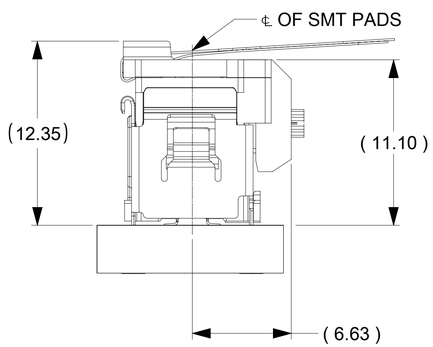
P2



DETAIL C
SCALE 10:1



LENGTH IS MEASURED BY REMOVING SLACK FROM THE CABLE



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DIMENSION UNITS	mm
SCALE	1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	°
4 PLACES ±	
3 PLACES ±	
2 PLACES ±	0.15
1 PLACE ±	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: NOTE 2.3 WAS "RETAINER: POLYCARBONATE CLEAR"

EC NO: 690079
DRWN: TPREMO 2021/12/22
CHK'D: MICAB 2022/01/04
APPR: JGONZALEZ01 2022/01/04

INITIAL REVISION:
DRWN: TIBARRA 2020/05/21
APPR: DMCGOWAN 2020/09/17

molex

NEARSTACK PCIE 18DP & 16SE CABLE ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2160701000	PSD	000	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	216070	SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/04 20:02:48

18DP & 16SE (SINGLE ENDED) PINOUT

P1		P2	
CKT		CKT	
1	GND	45	GND
2	S	46	S
3	S	47	S
4	GND	48	GND
5	S	49	S
6	S	50	S
7	GND	51	GND
8	S	52	S
9	S	53	S
10	GND	54	GND
11	S	55	S
12	S	56	S
13	GND	57	GND
14	S	58	S
15	S	59	S
16	GND	60	GND
17	S	61	S
18	S	62	S
19	GND	63	GND
20	S	64	S
21	S	65	S
22	GND	66	GND
23	S	67	S
24	S	68	S
25	GND	69	GND
26	S	70	S
27	S	71	S
28	GND	72	GND
29	SE	37	SE
30	SE	38	SE
31	SE	39	SE
32	SE	40	SE
33	SE	41	SE
34	SE	42	SE
35	SE	43	SE
36	SE	44	SE

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

18DP & 16SE CABLE ASSEMBLY	
MATERIAL #	"L"
2160700250	250
2160700300	300
2160700400	400
2160700500	500
2160700600	600
2160700700	700
2160700800	800
2160700900	900
2160701000	1000
2160701100	1100
2160701200	1200
2160701300	1300
2160701400	1400
2160701500	1500

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
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2 PLACES	± 0.15
1 PLACE	±
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molex

NEARSTACK PCIE 18DP & 16SE CABLE ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2160701000	PSD	000	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	216070	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/04 20:02:48