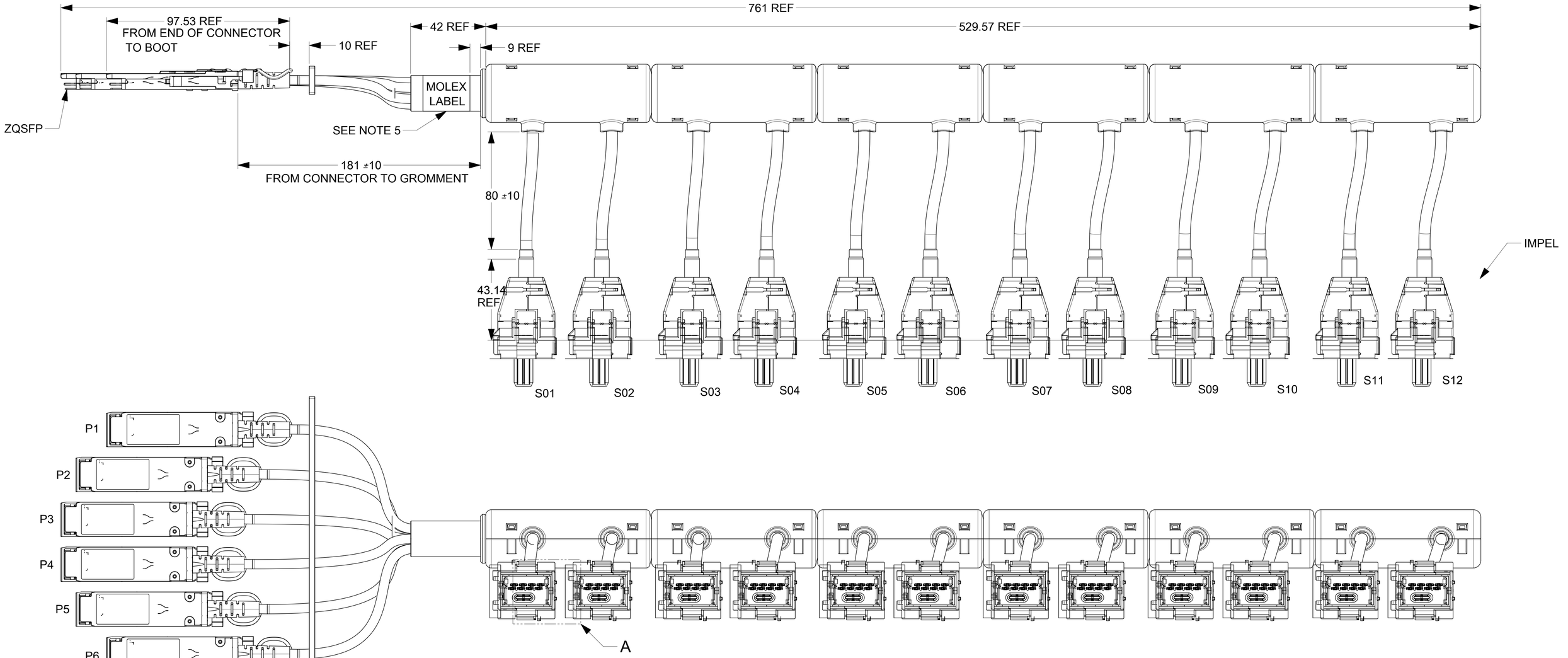
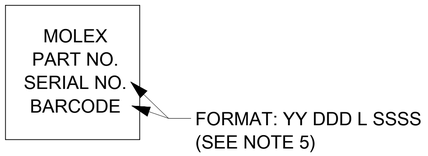


NOTES:

1. MATERIALS:
   HOUSING: LIQUID CRYSTAL POLYMER 94V-0, COLOR BLACK
   OVERMOLD: THERMOPLASTIC POLYAMIDE HOT MELT
   CONTACT MATERIAL: COPPER ALLOY
   CABLE WRAP: WOVEN POLYESTER FIBER, BLACK
   CABLE SPINE: PC/ABS, COLOR: BLUE, PMS: 641
2. CONTACT PLATING: GOLD OVER NICKEL
3. CABLE: 30AWG 90OHM TWINAX
4. RoHS COMPLIANT, NO EXEMPTIONS
5. SERIAL NO. AND BARCODE DEFINITION IS AS FOLLOWS:
   YY = YEAR
   DDD = DAY
   L = LOCATION (1 = USA, 2 = MEXICO)
   SSSS = SERIAL NO. FROM 0000 - 9999 AND WILL RESET EVERYDAY
6. CABLE ORGANIZER ONLY USED FOR SHIPPING AND IDENTIFICATION PURPOSES.
7. COLOR WRAP START TO BE LOCATED NO MORE THAN 2MM DIRECTLY BEHIND THE IMPEL AND THE STRAIN RELIEF OF THE ZQSFP.
8. NO EXPOSED TWINAX ALLOWED.
9. ACETATE TAPE TO BE USED TO COVER EXPOSED TWINAX FOR BREAKOUT OF LARGE WOVEN WRAP TO INDIVIDUAL ZQSFP CABLES.

WRAP AROUND LABEL DETAIL
(25MM X 25MMTEXT AREA)



DOCUMENT STATUS	P1	RELEASE DATE	2020/04/02	15:09:18

SYMBOLS	
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▽ = 0	
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■ = 0	
▽ = 0	

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 635252
DRWN: RWHIPPLE 2020/03/31
CHK'D: SMILLER 2020/04/02
APPR: SMILLER 2020/04/02

INITIAL REVISION:
DRWN: MPETROVICH 2019/05/21
APPR: SMILLER 2019/08/05

molex

ZQSFP TO IMPEL CABLE HARNESS ASSY OPEN19

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033879200	PSD	000	C2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203387	2033879200		1 OF 3

BLUE		S01
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
18	Rx1-	E1
17	Rx1+	F1
37	Tx1-	G1
36	Tx1+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
21	Rx2-	E2
22	Rx2+	F2
2	Tx2-	G2
3	Tx2+	H2

BLUE		S02
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx3-	E1
14	Rx3+	F1
34	Tx3-	G1
33	Tx3+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx4-	E2
25	Rx4+	F2
5	Tx4-	G2
6	Tx4+	H2

GREEN		S03
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
18	Rx5-	E1
17	RX5+	F1
37	Tx5-	G1
36	Tx5+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
21	Rx6-	E2
22	Rx6+	F2
2	Tx6-	G2
3	Tx6+	H2

GREEN		S04
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx7-	E1
14	Rx7+	F1
34	Tx7-	G1
33	Tx7+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx8-	E2
25	Rx8+	F2
5	Tx8-	G2
6	Tx8+	H2

ORANGE		S05
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
18	Rx9-	E1
17	Rx9+	F1
37	Tx9-	G1
36	Tx9+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
21	Rx10-	E2
22	Rx10+	F2
2	Tx10-	G2
3	Tx10+	H2

ORANGE		S06
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx11-	E1
14	Rx11+	F1
34	Tx11-	G1
33	Tx11+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx12-	E2
25	Rx12+	F2
5	Tx12-	G2
6	Tx12+	H2

PINK		S07
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
18	Rx13-	E1
17	Rx13+	F1
37	Tx13-	G1
36	Tx13+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
21	Rx14-	E2
22	Rx14+	F2
2	Tx14-	G2
3	Tx14+	H2

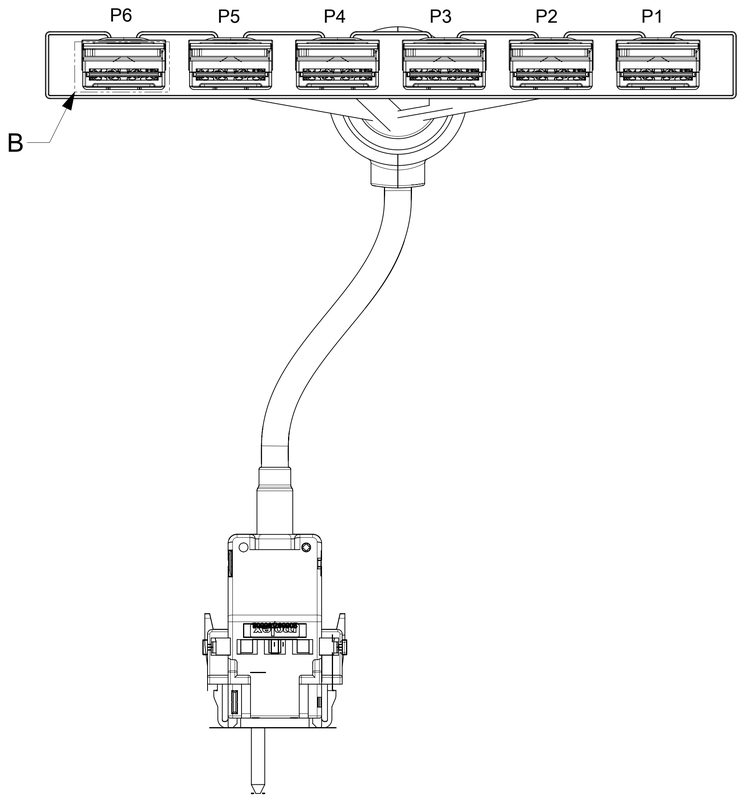
PINK		S08
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx15-	E1
14	Rx15+	F1
34	Tx15-	G1
33	Tx15+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx16-	E2
25	Rx16+	F2
5	Tx16-	G2
6	Tx16+	H2

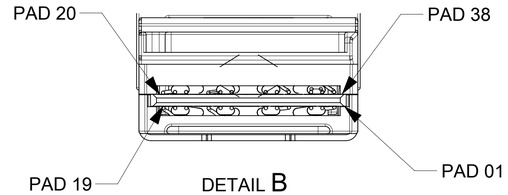
YELLOW		S09
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
18	Rx17-	E1
17	Rx17+	F1
37	Tx17-	G1
36	Tx17+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
21	Rx18-	E2
22	Rx18+	F2
2	Tx18-	G2
3	Tx18+	H2

YELLOW		S10
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx19-	E1
14	Rx19+	F1
34	Tx19-	G1
33	Tx19+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx20-	E2
25	Rx20+	F2
5	Tx20-	G2
6	Tx20+	H2

PURPLE		S11
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
18	Rx21-	E1
17	Rx21+	F1
37	Tx21-	G1
36	Tx21+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
21	Rx22-	E2
22	Rx22+	F2
2	Tx22-	G2
3	Tx22+	H2

PURPLE		S12
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx23-	E1
14	Rx23+	F1
34	Tx23-	G1
33	Tx23+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx24-	E2
25	Rx24+	F2
5	Tx24-	G2
6	Tx24+	H2

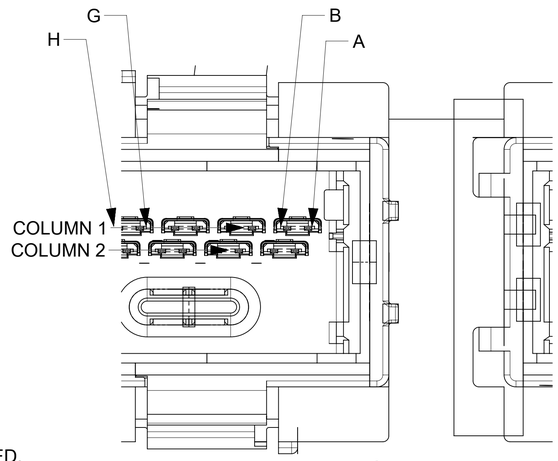




DETAIL B
SCALE 4:1

*SERVER PINOUT IS REPEATED FOR S01-S12

	Column 2	Column 1
H	Tx2+	Tx1+
G	Tx2-	Tx1-
F	Rx2+	Rx1+
E	Rx2-	Rx1-
D	-	-
C	-	-
B	-	-
A	-	-



DETAIL A
SCALE 4:1

NOTE:
A1, B1, C1, D1 AND A2, B2, C2, D2 ON IMPEL END ARE "OPEN CIRCUIT" IN CABLE HEADER.
LABELING IS ONLY ON THE ORGANIZER, WHICH IS REMOVED DURING INSTALLATION.
THE COLORS ON THE PRODUCT ARE THE ONLY LABELING AFTER THE ORGANIZER IS REMOVED.

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/02	15:09:18

SYMBOLS
F = 0
E = 0
B = 0
S = 0
= 0
C = 0
= 0
= 0
= 0

DIMENSION UNITS: mm
SCALE: 1.5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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EC NO: 635252
DRWN: RWHIPPLE 2020/03/31
CHK'D: SMILLER 2020/04/02
APPR: SMILLER 2020/04/02

INITIAL REVISION:
DRWN: MPETROVICH 2019/05/21
APPR: SMILLER 2019/08/05

THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 203387

molex

ZQSFP TO IMPEL CABLE HARNESS ASSY OPEN19

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033879200	PSD	000	C2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2033879200		2 OF 3

DATE	REV	DESCRIPTION
07/25/2019	A	UPDATED DRAWING TO SHOWCASE EQUAL LENGTHS OF ZQSFP BREAKOUT.
8/13/2019	B	UPDATED TO REFLECT PDM MODEL
10/16/2019	C	UPDATED TO REFLECT PDM MODEL
10/23/2019	C1	WRAP AROUND LABEL DETAIL NOTE TO "SEE NOTE 5"
03/31/2020	C2	1. ADDED TOLERANCE TO TITLE BLOCK 2. ADDED 181 ±10 DIMENSION SHEET 1 3. ADDED NOTE TO DIMENSION 97.53, SHEET 1

SYMBOLS
A = 0
C = 0
D = 0
S = 0
= 0
C = 0
= 0
= 0
= 0

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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ZQSFP TO IMPEL CABLE HARNESS ASSY OPEN19

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033879200	PSD	000	C2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203387	2033879200		3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/02 15:09:18