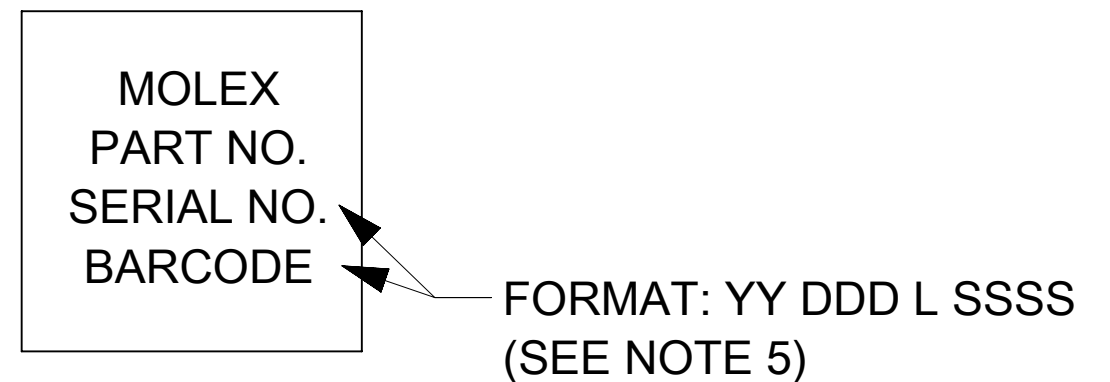


- NOTES:
- MATERIALS:
 - HOUSING: LIQUID CRYSTAL POLYMER 94V-0, COLOR BLACK
 - OVERMOLD: THERMOPLASTIC POLYAMIDE HOT MELT
 - CONTACT MATERIAL: COPPER ALLOY
 - CABLE WRAP: WOVEN POLYESTER FIBER, BLACK
 - CABLE SPINE: PC/ABS, COLOR: BLUE, PMS: 641
 - CONTACT PLATING: GOLD OVER NICKEL
 - CABLE: 30AWG 90OHM TWINAX
 - RoHS COMPLIANT, NO EXEMPTIONS
 - 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
 - CABLE ORGANIZER ONLY USED FOR SHIPPING AND IDENTIFICATION PURPOSES.
 - COLOR WRAP START TO BE LOCATED NO MORE THAN 2MM DIRECTLY BEHIND THE IMPEL AND THE STRAIN RELIEF OF THE ZQSFP.
 - NO EXPOSED TWINAX ALLOWED.
 - 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 25MM TEXT AREA)



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	▽ = 0	DIMENSION UNITS: mm	SCALE: 1:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 635252	2020/03/31	ZQSFP TO IMPEL CABLE HARNESS ASSY OPEN19
▽ = 0	ANGULAR TOL	± °	DRWN: RWHIPPLE	2020/04/02	
▽ = 0	4 PLACES	±	CHK'D: SMILLER	2020/04/02	PRODUCT CUSTOMER DRAWING
▽ = 0	3 PLACES	±	APPR: SMILLER	2020/04/02	DOCUMENT NUMBER
▽ = 0	2 PLACES	± 0.13	INITIAL REVISION:		2033879200
▽ = 0	1 PLACE	±	DRWN: MPETROVICH	2019/05/21	DOC TYPE
▽ = 0	0 PLACES	±	APPR: SMILLER	2019/08/05	PSD
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	000
⊕ = 0			D-SIZE	SERIES	C2
			203387	MATERIAL NUMBER	2033879200
				CUSTOMER	
				SHEET NUMBER	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

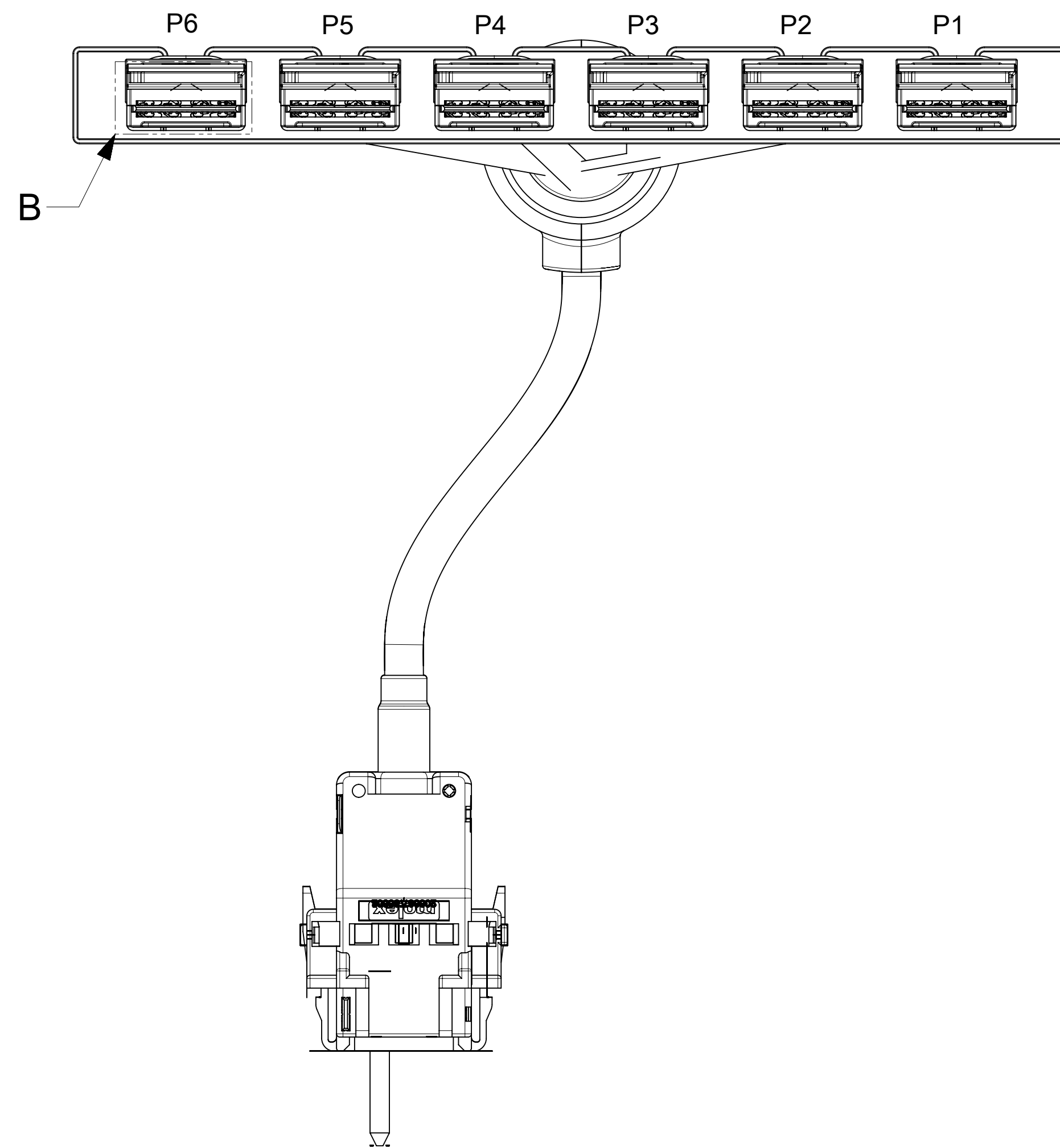
BLUE		S02
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx3-	E1
14	Rx3+	F1
34	Tx3-	G1
33	Tx3+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx4-	E2
25	Rx4+	F2
5	Tx4-	G2
6	Tx4+	H2

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

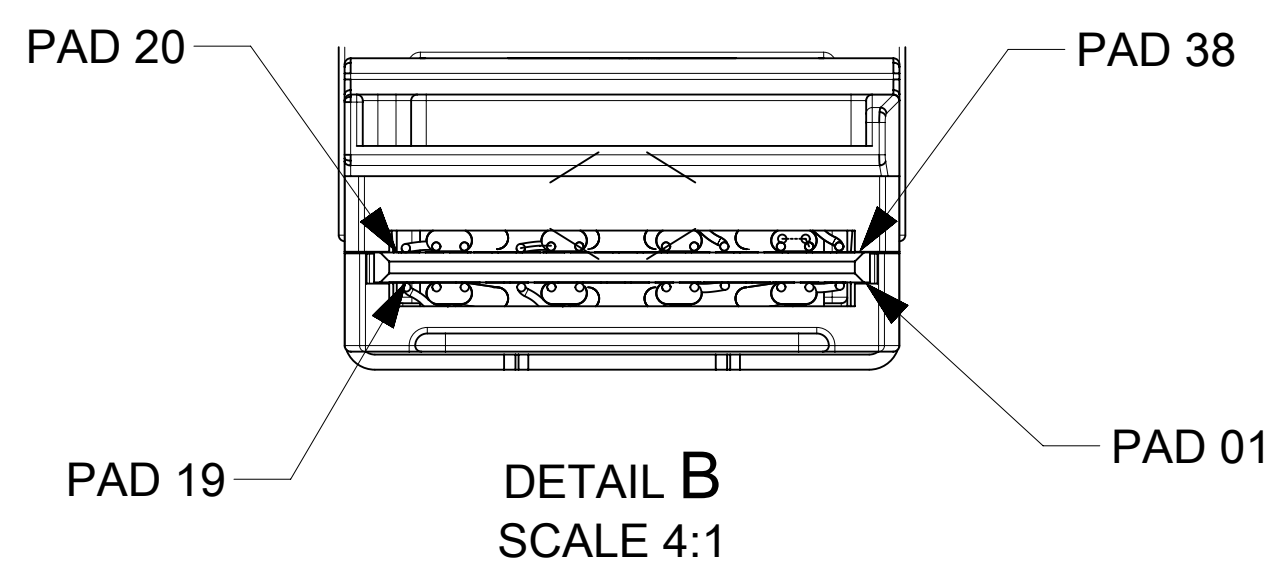
PINK		S08
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx15-	E1
14	Rx15+	F1
34	Tx15-	G1
33	Tx15+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx16-	E2
25	Rx16+	F2
5	Tx16-	G2
6	Tx16+	H2

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

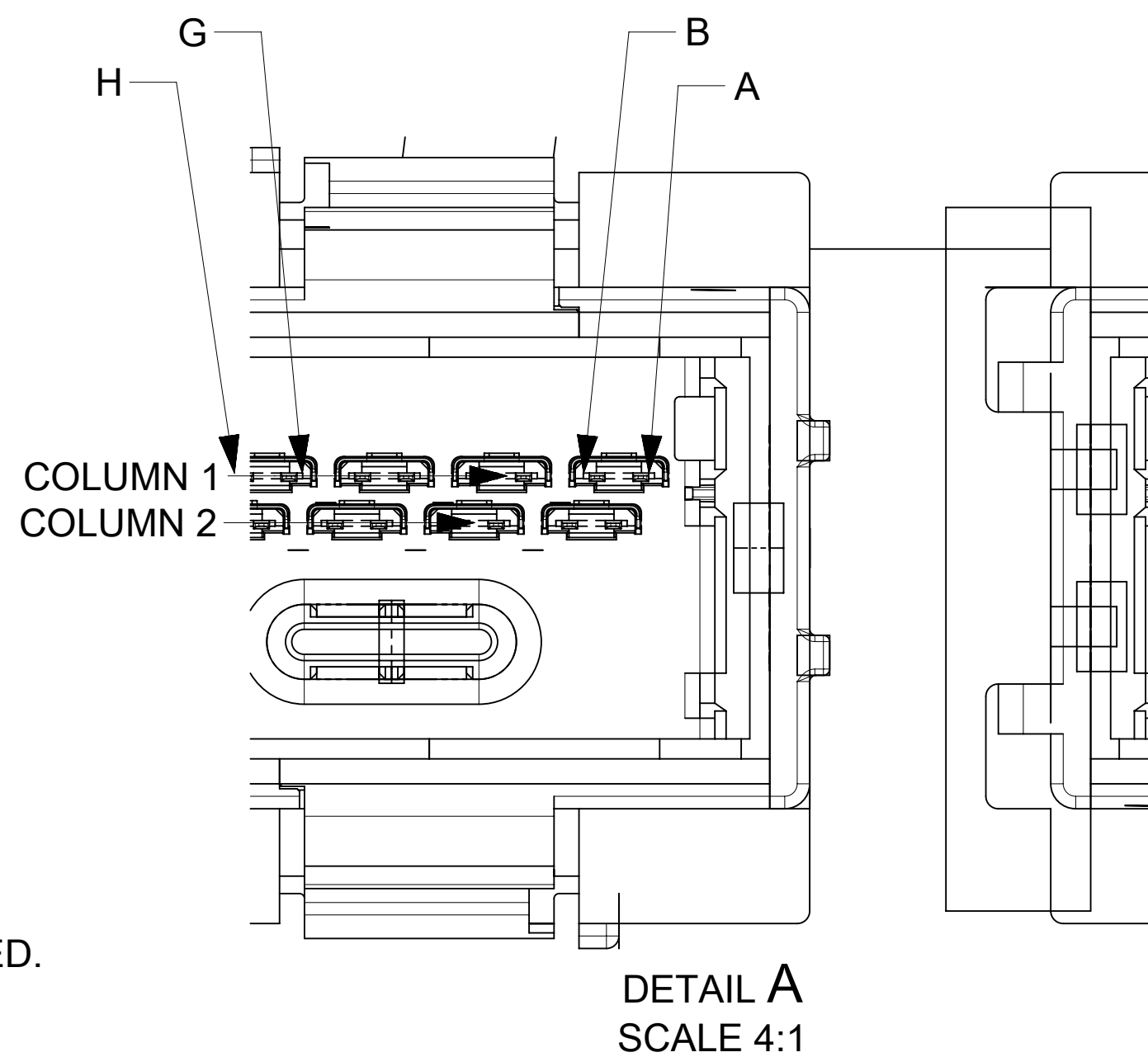
PURPLE		S12
ZQSFP+	SIGNAL	IMPEL
-	-	A1
-	-	B1
-	-	C1
-	-	D1
15	Rx23-	E1
14	Rx23+	F1
34	Tx23-	G1
33	Tx23+	H1
-	-	A2
-	-	B2
-	-	C2
-	-	D2
24	Rx24-	E2
25	Rx24+	F2
5	Tx24-	G2
6	Tx24+	H2



*SERVER PINOUT IS REPEATED FOR S01-S12


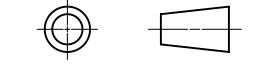
	Column 2	Column 1
H	Tx2+	Tx1+
G	Tx2-	Tx1-
F	Rx2+	Rx1+
E	Rx2-	Rx1-
D	-	-
C	-	-
B	-	-
A	-	-

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.



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS	SCALE		
▽ = 0	mm	1.5:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL	± °		
▽ = 0	4 PLACES	±		
▽ = 0	3 PLACES	±		
▽ = 0	2 PLACES	± 0.13		
▽ = 0	1 PLACE	±		
▽ = 0	0 PLACES	±		
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
▽ = 0			DRAWING	SERIES
			D-SIZE	203387
EC NO: 635252		2020/03/31		ZQSFP TO IMPEL CABLE HARNESS ASSY OPEN19
DRWN: RWHPPLR		2020/04/02		
CHK'D: SMILLER		2020/04/02		PRODUCT CUSTOMER DRAWING
APPR: SMILLER		2020/04/02		
INITIAL REVISION:				DOCUMENT NUMBER
DRWN: MPETROVICH		2019/05/21		
APPR: SMILLER		2019/08/05		DOC TYPE
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
2033879200				
PSD		000		2 OF 3
C2				

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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS			SCALE			CURRENT REV DESC:							
	mm			1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 635252							2020/03/31			
	ANGULAR TOL ± °			DRWN: RWHIPPLE							2020/04/02			
	4 PLACES ±			CHK'D: SMILLER							2020/04/02			
	3 PLACES ±			APPR: SMILLER							2020/04/02			
	2 PLACES ± 0.13			INITIAL REVISION:										
	1 PLACE ±			DRWN: MPETROVICH							2019/05/21			
	0 PLACES ±			APPR: SMILLER							2019/08/05			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					D-SIZE		203387		2033879200				3 OF 3	

DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
2033879200				PSD	000	C2