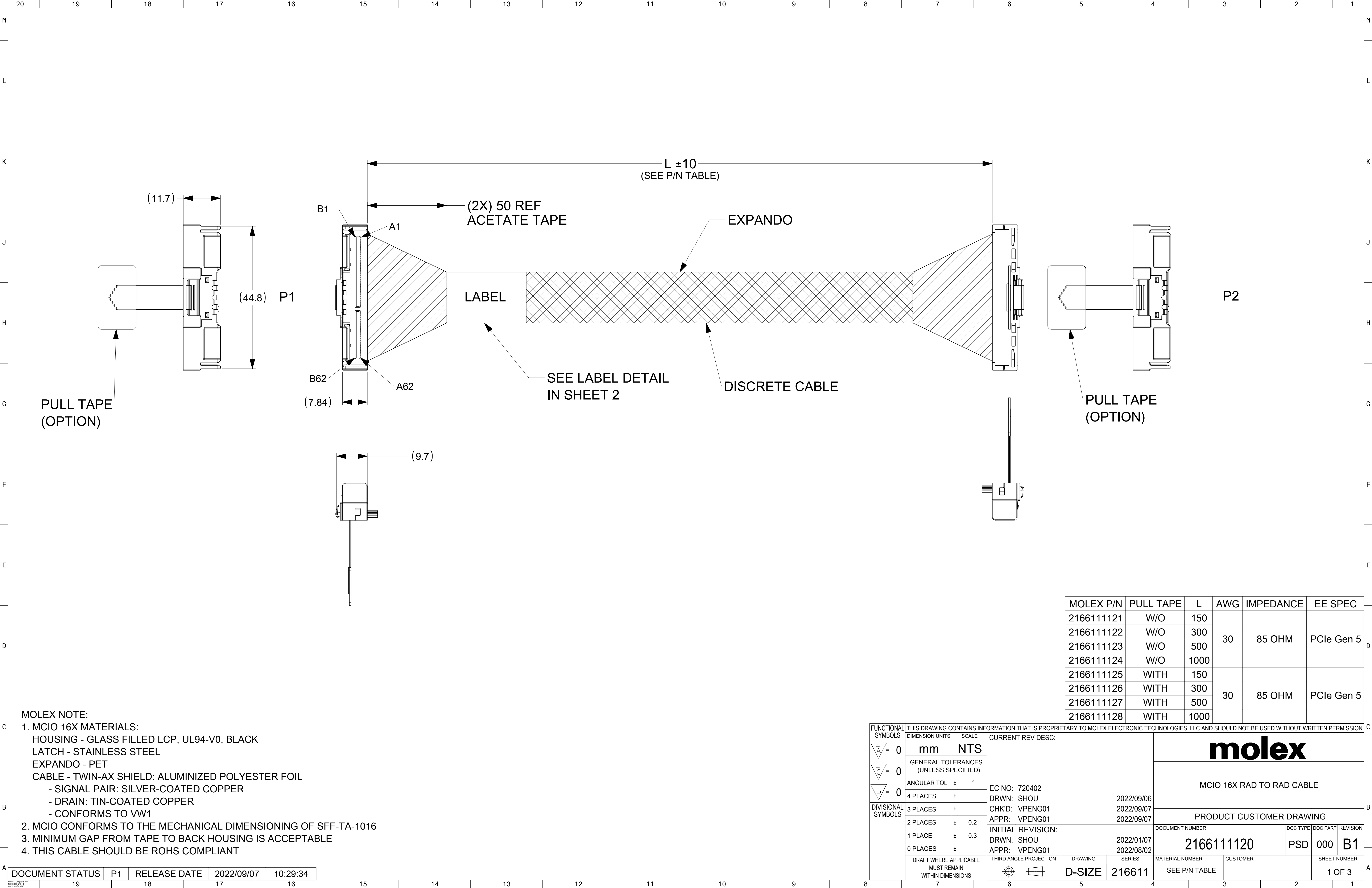




MOLEX NOTE:

- MCIO 16X MATERIALS:
 - HOUSING - GLASS FILLED LCP, UL94-V0, BLACK
 - LATCH - STAINLESS STEEL
 - EXPANDO - PET
 - CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
 - SIGNAL PAIR: SILVER-COATED COPPER
 - DRAIN: TIN-COATED COPPER
 - CONFORMS TO VW1
- MCIO CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-TA-1016
- MINIMUM GAP FROM TAPE TO BACK HOUSING IS ACCEPTABLE
- THIS CABLE SHOULD BE ROHS COMPLIANT

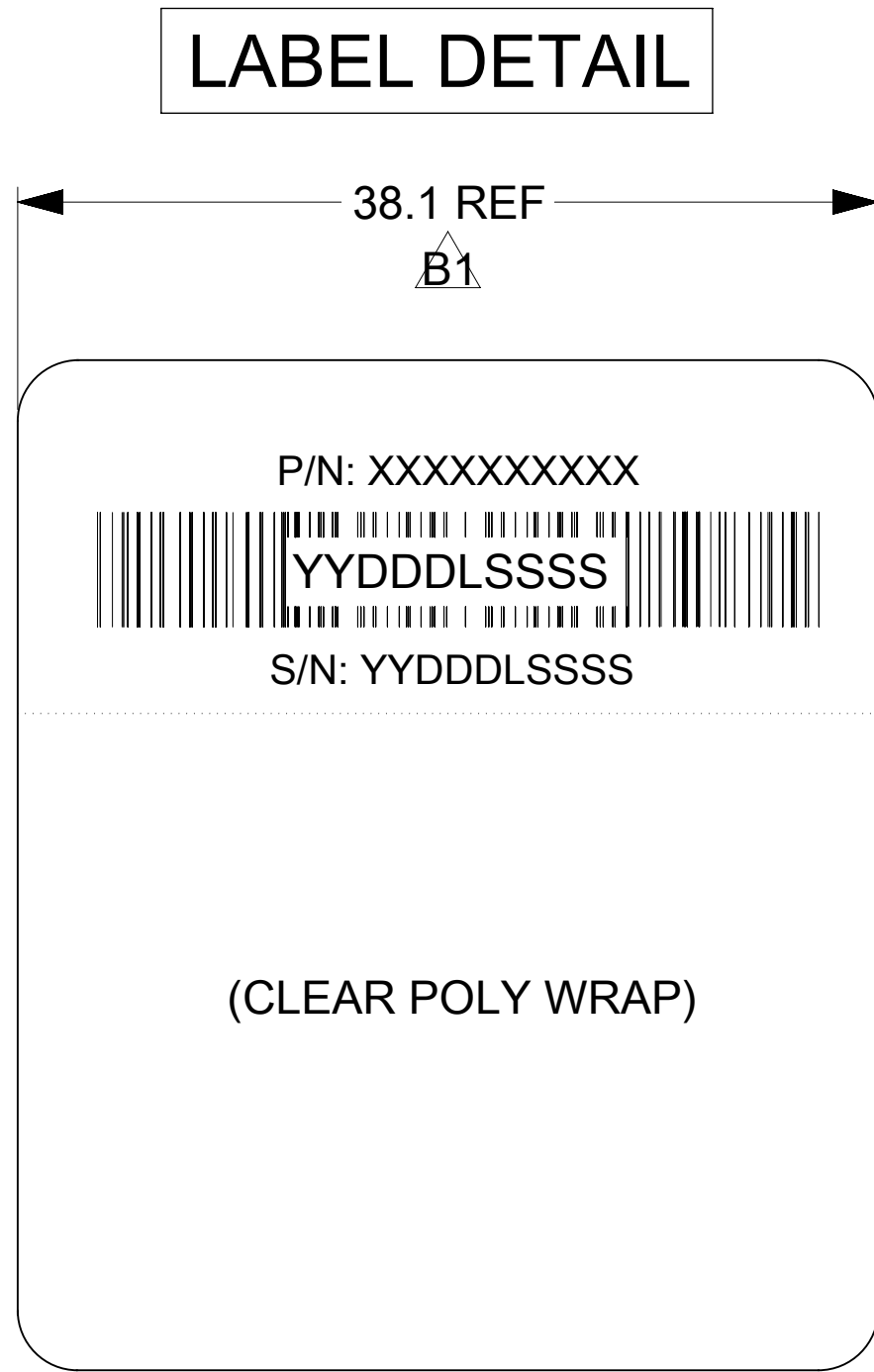
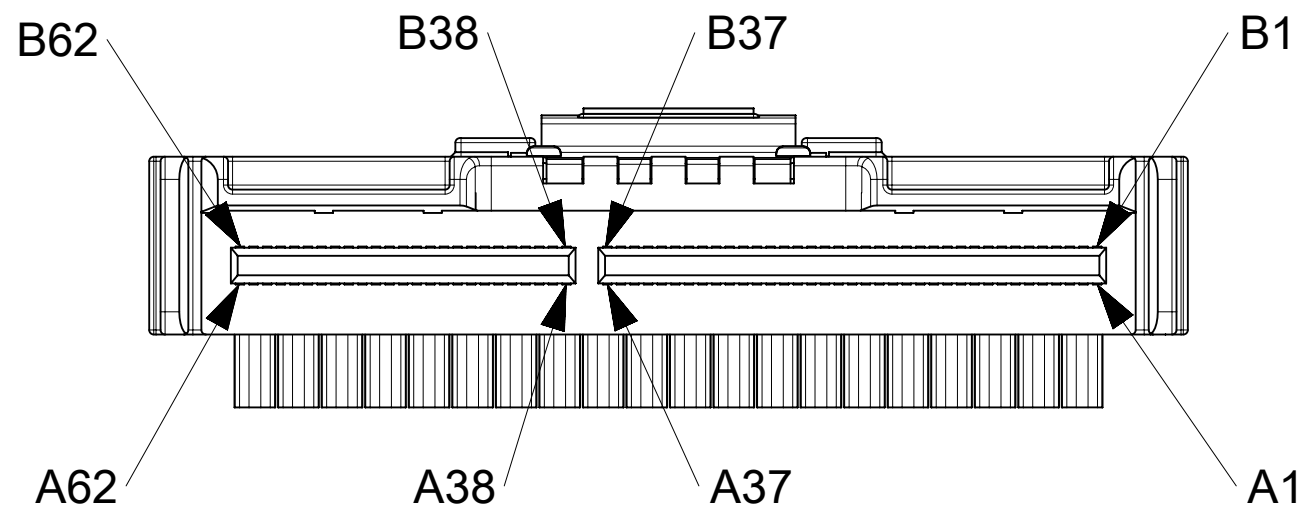
MOLEX P/N	PULL TAPE	L	AWG	IMPEDANCE	EE SPEC
2166111121	W/O	150	30	85 OHM	PCIe Gen 5
2166111122	W/O	300			
2166111123	W/O	500			
2166111124	W/O	1000			
2166111125	WITH	150	30	85 OHM	PCIe Gen 5
2166111126	WITH	300			
2166111127	WITH	500			
2166111128	WITH	1000			

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL 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:					molex MCIO 16X RAD TO RAD CABLE							
	mm		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 720402 DRWN: SHOU 2022/09/06 CHK'D: VPENG01 2022/09/07 APPR: VPENG01 2022/09/07					PRODUCT CUSTOMER DRAWING							
	ANGULAR TOL ± °																
	4 PLACES		±		INITIAL REVISION: DRWN: SHOU 2022/01/07 APPR: VPENG01 2022/08/02					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	3 PLACES		±							2166111120		PSD		000		B1	
	2 PLACES		± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	1 PLACE		± 0.3														
	0 PLACES		±		THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE P/N TABLE		1 OF 3				
				D-SIZE		216611											

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/07	10:29:34
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P1 / MCIO 16X		SIGNAL WIRING	P2 / MCIO 16X	
SIGNAL NAME (P1)	PIN#		PIN#	SIGNAL NAME (P2)
GROUND	A1	-----	B1	GROUND
RX0+	A2	=====	B2	TX0+
RX0-	A3	=====	B3	TX0-
GROUND	A4	-----	B4	GROUND
RX1+	A5	=====	B5	TX1+
RX1-	A6	=====	B6	RX1-
GROUND	A7	-----	B7	GROUND
SB	A8	=====	B8	SB
SB	A9	=====	B9	SB
GROUND	A10	-----	B10	GROUND
SB	A11	=====	B11	SB
SB	A12	=====	B12	SB
GROUND	A13	-----	B13	GROUND
RX2+	A14	=====	B14	TX2+
RX2-	A15	=====	B15	TX2-
GROUND	A16	-----	B16	GROUND
RX3+	A17	=====	B17	TX3+
RX3-	A18	=====	B18	TX3-
GROUND	A19	-----	B19	GROUND
RX4+	A20	=====	B20	TX4+
RX4-	A21	=====	B21	TX4-
GROUND	A22	-----	B22	GROUND
RX5+	A23	=====	B23	TX5+
RX5-	A24	=====	B24	TX5-
GROUND	A25	-----	B25	GROUND
SB	A26	=====	B26	SB
SB	A27	=====	B27	SB
GROUND	A28	-----	B28	GROUND
SB	A29	=====	B29	SB
SB	A30	=====	B30	SB
GROUND	A31	-----	B31	GROUND
RX6+	A32	=====	B32	TX6+
RX6-	A33	=====	B33	TX6-
GROUND	A34	-----	B34	GROUND
RX7+	A35	=====	B35	TX7+
RX7-	A36	=====	B36	TX7-
GROUND	A37	-----	B37	GROUND
SLOT				
GROUND	A38	-----	B38	GROUND
RX8+	A39	=====	B39	TX8+
RX8-	A40	=====	B40	TX8-
GROUND	A41	-----	B41	GROUND
RX9+	A42	=====	B42	TX9+
RX9-	A43	=====	B43	TX9-
GROUND	A44	-----	B44	GROUND
RX10+	A45	=====	B45	TX10+
RX10-	A46	=====	B46	TX10-
GROUND	A47	-----	B47	GROUND
RX11+	A48	=====	B48	TX11+
RX11-	A49	=====	B49	TX11-
GROUND	A50	-----	B50	GROUND
RX12+	A51	=====	B51	TX12+
RX12-	A52	=====	B52	TX12-
GROUND	A53	-----	B53	GROUND
RX13+	A54	=====	B54	TX13+
RX13-	A55	=====	B55	TX13-
GROUND	A56	-----	B56	GROUND
RX14+	A57	=====	B57	TX14+
RX14-	A58	=====	B58	TX14-
GROUND	A59	-----	B59	GROUND
RX15+	A60	=====	B60	TX15+
RX15-	A61	=====	B61	TX15-
GROUND	A62	-----	B62	GROUND

P1 / MCIO 16X		SIGNAL WIRING	P2 / MCIO 16X	
SIGNAL NAME (P1)	PIN#		PIN#	SIGNAL NAME (P2)
GROUND	B1	-----	A1	GROUND
TX0+	B2	=====	A2	RX0+
TX0-	B3	=====	A3	RX0-
GROUND	B4	-----	A4	GROUND
TX1+	B5	=====	A5	RX1+
RX1-	B6	=====	A6	RX1-
GROUND	B7	-----	A7	GROUND
SB	B8	=====	A8	SB
SB	B9	=====	A9	SB
GROUND	B10	-----	A10	GROUND
SB	B11	=====	A11	SB
SB	B12	=====	A12	SB
GROUND	B13	-----	A13	GROUND
TX2+	B14	=====	A14	RX2+
TX2-	B15	=====	A15	RX2-
GROUND	B16	-----	A16	GROUND
TX3+	B17	=====	A17	RX3+
TX3-	B18	=====	A18	RX3-
GROUND	B19	-----	A19	GROUND
TX4+	B20	=====	A20	RX4+
TX4-	B21	=====	A21	RX4-
GROUND	B22	-----	A22	GROUND
TX5+	B23	=====	A23	RX5+
TX5-	B24	=====	A24	RX5-
GROUND	B25	-----	A25	GROUND
SB	B26	=====	A26	SB
SB	B27	=====	A27	SB
GROUND	B28	-----	A28	GROUND
SB	B29	=====	A29	SB
SB	B30	=====	A30	SB
GROUND	B31	-----	A31	GROUND
TX6+	B32	=====	A32	RX6+
TX6-	B33	=====	A33	RX6-
GROUND	B34	-----	A34	GROUND
TX7+	B35	=====	A35	RX7+
TX7-	B36	=====	A36	RX7-
GROUND	B37	-----	A37	GROUND
SLOT				
GROUND	B38	-----	A38	GROUND
TX8+	B39	=====	A39	RX8+
TX8-	B40	=====	A40	RX8-
GROUND	B41	-----	A41	GROUND
TX9+	B42	=====	A42	RX9+
TX9-	B43	=====	A43	RX9-
GROUND	B44	-----	A44	GROUND
TX10+	B45	=====	A45	RX10+
TX10-	B46	=====	A46	RX10-
GROUND	B47	-----	A47	GROUND
TX11+	B48	=====	A48	RX11+
TX11-	B49	=====	A49	RX11-
GROUND	B50	-----	A50	GROUND
TX12+	B51	=====	A51	RX12+
TX12-	B52	=====	A52	RX12-
GROUND	B53	-----	A53	GROUND
TX13+	B54	=====	A54	RX13+
TX13-	B55	=====	A55	RX13-
GROUND	B56	-----	A56	GROUND
TX14+	B57	=====	A57	RX14+
TX14-	B58	=====	A58	RX14-
GROUND	B59	-----	A59	GROUND
TX15+	B60	=====	A60	RX15+
TX15-	B61	=====	A61	RX15-
GROUND	B62	-----	A62	GROUND



P/N: XXXXXXXXXXX - MOLEX PART NUMBER (SEE P/N TABLE)

S/N: YYDDLSSSS - SERIAL NUMBER
 YY = YEAR, THE LAST 2 DIGITS OF YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION
 1 - USA
 2 - MEXICO
 3 - CHINA
 4 - PHILIPPINES
 SSSS = SERIAL NUMBER (0001-9999)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
= 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			MCIO 16X RAD TO RAD CABLE								
	mm		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 720402 DRWN: SHOU CHK'D: VPENG01 APPR: VPENG01 2022/09/06 2022/09/07 2022/09/07			PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± °															
	4 PLACES		±											DOCUMENT NUMBER 2166111120 DOC TYPE PSD DOC PART 000 REVISION B1		
	3 PLACES		±													
	2 PLACES		± 0.2													
1 PLACE		± 0.3														
DIVISIONAL SYMBOLS	0 PLACES		±		INITIAL REVISION: DRWN: SHOU APPR: VPENG01 2022/01/07 2022/08/02											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
						D-SIZE	216611	SEE P/N TABLE				2 OF 3				

