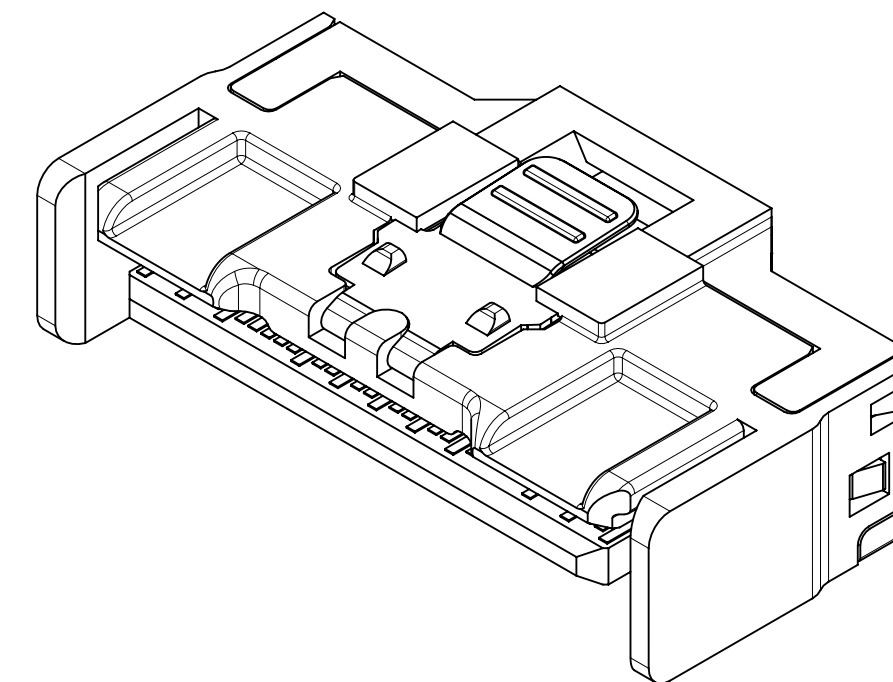
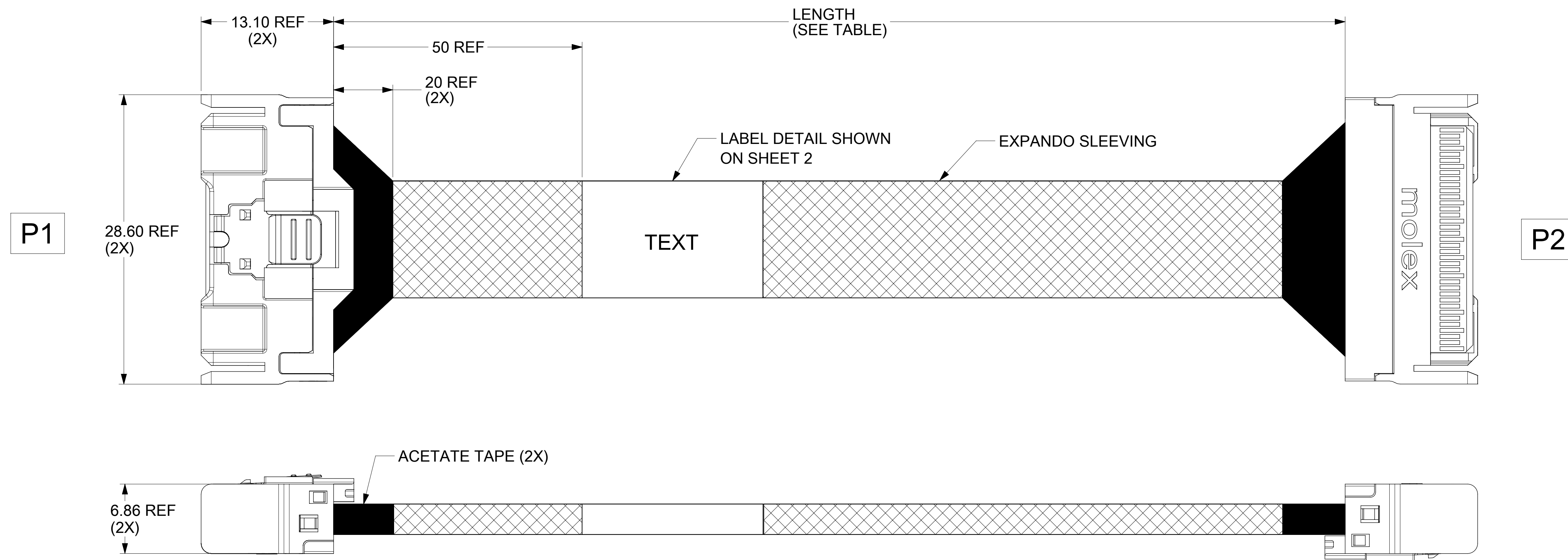




MOLEX P/N	LENGTH	TOLERANCE	AWG	IMPEDANCE	EE SPEC
2150711400	150MM	±10 mm	30	85 OHM	PCIe GEN5
2150711401	200MM	±10 mm	30	85 OHM	PCIe GEN5
2150711402	300MM	±10 mm	30	85 OHM	PCIe GEN5
2150711403	500MM	±10 mm	30	85 OHM	PCIe GEN5
2150711404	600MM	±10 mm	30	85 OHM	PCIe GEN5
2150711405	800MM	±10 mm	30	85 OHM	PCIe GEN5
2150711406	1000MM	±10 mm	30	85 OHM	PCIe GEN5
2150711407	2000MM	±10 mm	30	85 OHM	PCIe GEN5
2150711408	3000MM	±10 mm	30	85 OHM	PCIe GEN5

NOTES:

1. MATERIALS:

HOUSING - GLASS FILLED LCP, UL94-V0

COLOR: BLACK

BACK HOUSING - GLASS FILLED NYLON, UL94-V0

COLOR: BLACK

LATCH - STAINLESS STEEL

CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL

- SIGNAL PAIR: SILVER-COATED COPPER
- DRAIN: TIN-COATED COPPER
- CONFORMS TO VW1

2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-TA-1016

3. RoHS COMPLIANT. NO EXCEPTIONS.

4. MINIMUM GAP FROM TAPE TO BACK HOUSING IS ACCEPTABLE

FUNCTIONAL 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								
	mm		4:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 3.0°																
	4 PLACES ±		EC NO: 751477 DRWN: SHOU 2023/05/30 CHK'D: VPENG01 2023/05/31 APPR: VPENG01 2023/05/31 INITIAL REVISION: DRWN: SHOU 2023/05/10 APPR: VPENG01 2023/05/12						MCIO 8X STR TO STR GEN5 WITH TF CABLE								
	3 PLACES ±																
	2 PLACES ± 0.13						PRODUCT CUSTOMER DRAWING										
	1 PLACE ± 0.25																
	0 PLACES ±																
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						D-SIZE		215071		2150711400		PSD		000		A1	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE P/N TABLE		GENERAL MARKET		1 OF 3			

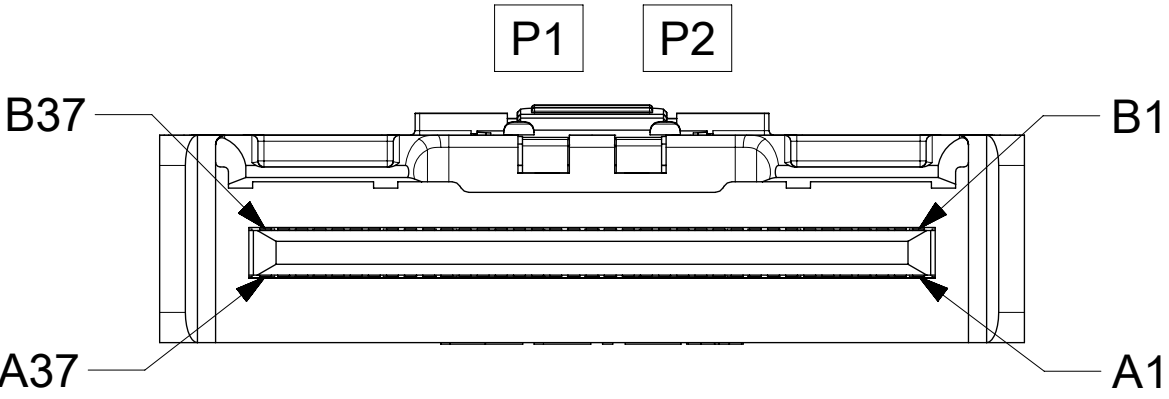
DOCUMENT STATUS	P1	RELEASE DATE	2023/05/31	12:12:00
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PINOUT TABLE

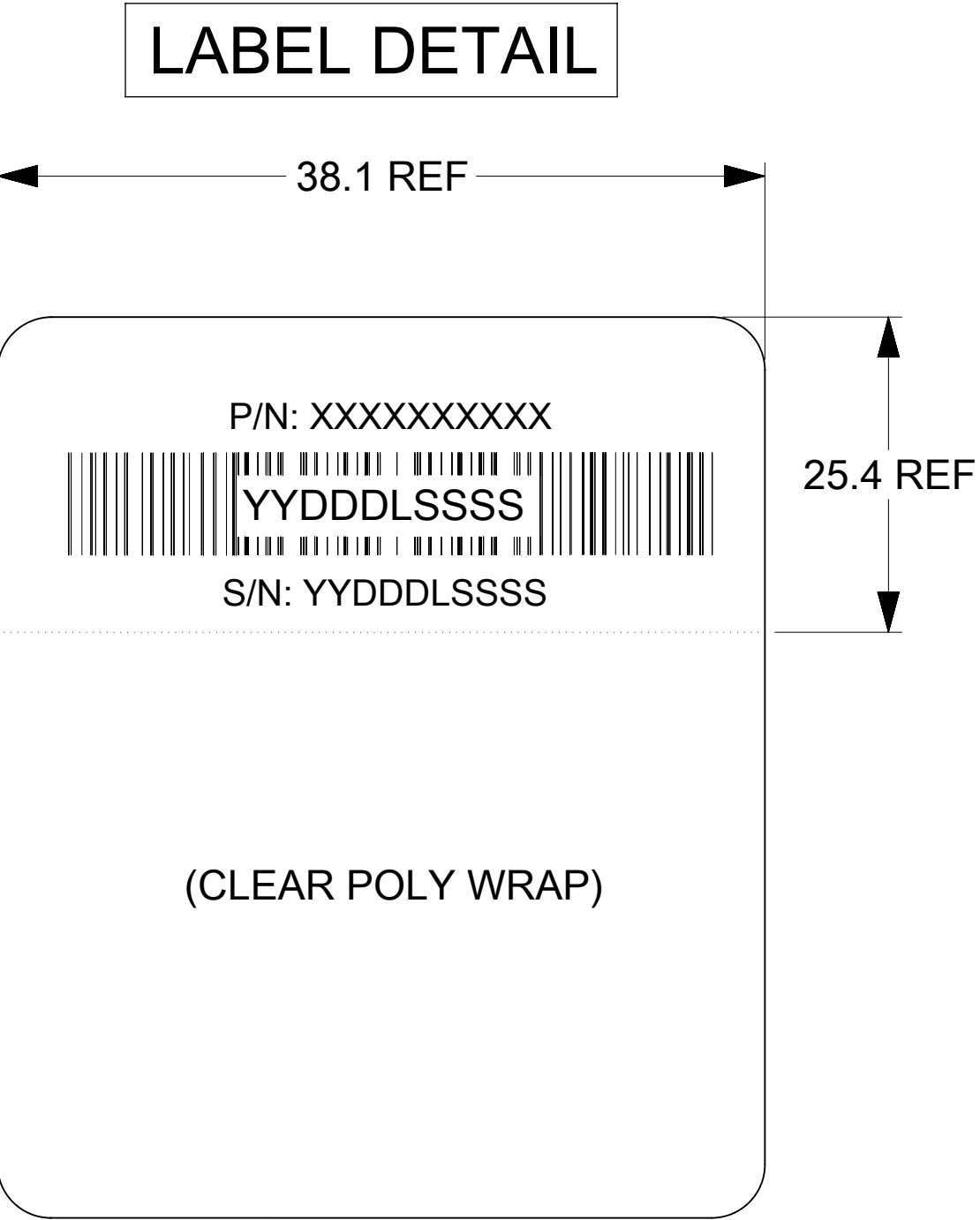
P1		SIGNAL TYPE	P2	
GND	A1	----	B1	GND
RX0+	A2	<-----	B2	TX0+
RX0-	A3	<-----	B3	TX0-
GND	A4	----	B4	GND
RX1+	A5	<-----	B5	TX1+
RX1-	A6	<-----	B6	TX1-
GND	A7	----	B7	GND
SB	A8	<-----	B8	SB
SB	A9	<-----	B9	SB
GND	A10	----	B10	GND
SB	A11	<-----	B11	SB
SB	A12	<-----	B12	SB
GND	A13	----	B13	GND
RX4+	A14	<-----	B14	TX4+
RX4-	A15	<-----	B15	TX4-
GND	A16	----	B16	GND
RX5+	A17	<-----	B17	TX5+
RX5-	A18	<-----	B18	TX5-
GND	A19	----	B19	GND
RX6+	A20	<-----	B20	TX6+
RX6-	A21	<-----	B21	TX6-
GND	A22	----	B22	GND
RX7+	A23	<-----	B23	TX7+
RX7-	A24	<-----	B24	TX7-
GND	A25	----	B25	GND
SB	A26	<-----	B26	SB
SB	A27	<-----	B27	SB
GND	A28	----	B28	GND
SB	A29	<-----	B29	SB
SB	A30	<-----	B30	SB
GND	A31	----	B31	GND
RX10+	A32	<-----	B32	TX10+
RX10-	A33	<-----	B33	TX10-
GND	A34	----	B34	GND
RX11+	A35	<-----	B35	TX11+
RX11-	A36	<-----	B36	TX11-
GND	A37	----	B37	GND

P1		SIGNAL TYPE	P2	
GND	B1	----->	A1	GND
TX0+	B2	----->	A2	RX0+
TX0-	B3	----->	A3	RX0-
GND	B4	----->	A4	GND
TX1+	B5	----->	A5	RX1+
TX1-	B6	----->	A6	RX1-
GND	B7	----->	A7	GND
SB	B8	----->	A8	SB
SB	B9	----->	A9	SB
GND	B10	----->	A10	GND
SB	B11	----->	A11	SB
SB	B12	----->	A12	SB
GND	B13	----->	A13	GND
TX4+	B14	----->	A14	RX4+
TX4-	B15	----->	A15	RX4-
GND	B16	----->	A16	GND
TX5+	B17	----->	A17	RX5+
TX5-	B18	----->	A18	RX5-
GND	B19	----->	A19	GND
TX6+	B20	----->	A20	RX6+
TX6-	B21	----->	A21	RX6-
GND	B22	----->	A22	GND
TX7+	B23	----->	A23	RX7+
TX7-	B24	----->	A24	RX7-
GND	B25	----->	A25	GND
SB	B26	----->	A26	SB
SB	B27	----->	A27	SB
GND	B28	----->	A28	GND
SB	B29	----->	A29	SB
SB	B30	----->	A30	SB
GND	B31	----->	A31	GND
TX10+	B32	----->	A32	RX10+
TX10-	B33	----->	A33	RX10-
GND	B34	----->	A34	GND
TX11+	B35	----->	A35	RX11+
TX11-	B36	----->	A36	RX11-
GND	B37	----->	A37	GND

————> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
----- = GND
NOTE: ALL SIGNAL GROUND ARE BUSSED IN PCB.



VIEW FROM MATING END OF CONNECTOR



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

S/N: YYDDDLSSSS - 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 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 8X STR TO STR GEN5 WITH TF CABLE						
	mm		4:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 3.0°															
	4 PLACES		±		EC NO: 751477 DRWN: SHOU 2023/05/30 CHK'D: VPENG01 2023/05/31 APPR: VPENG01 2023/05/31					PRODUCT CUSTOMER DRAWING						
	3 PLACES		±													
	2 PLACES		± 0.13													
	1 PLACE		± 0.25		INITIAL REVISION: DRWN: SHOU 2023/05/10 APPR: VPENG01 2023/05/12					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	0 PLACES		±							2150711400		PSD	000	A1		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							D-SIZE		215071		SEE P/N TABLE		GENERAL MARKET		2 OF 3	

