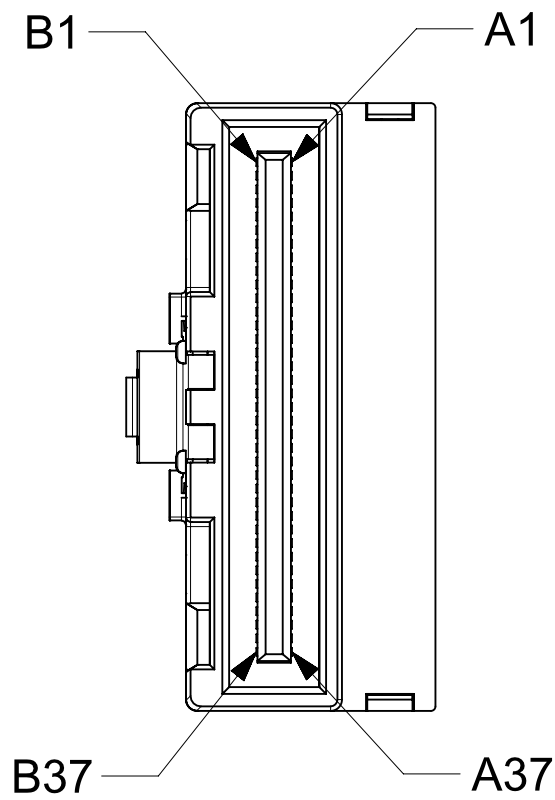
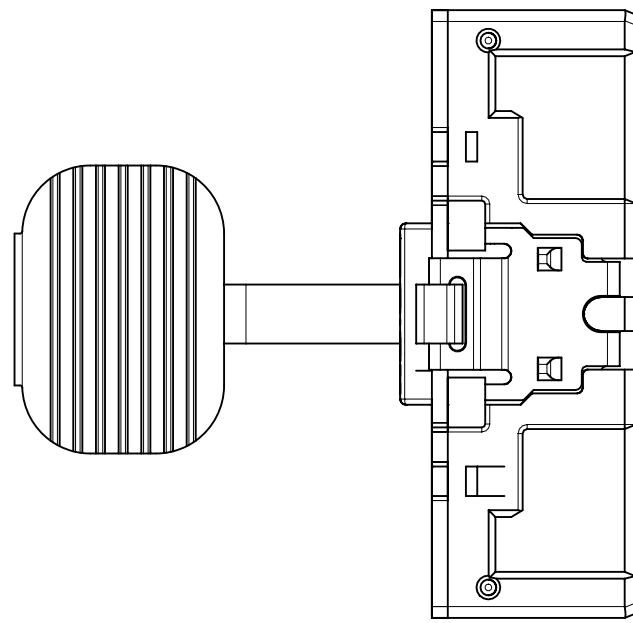
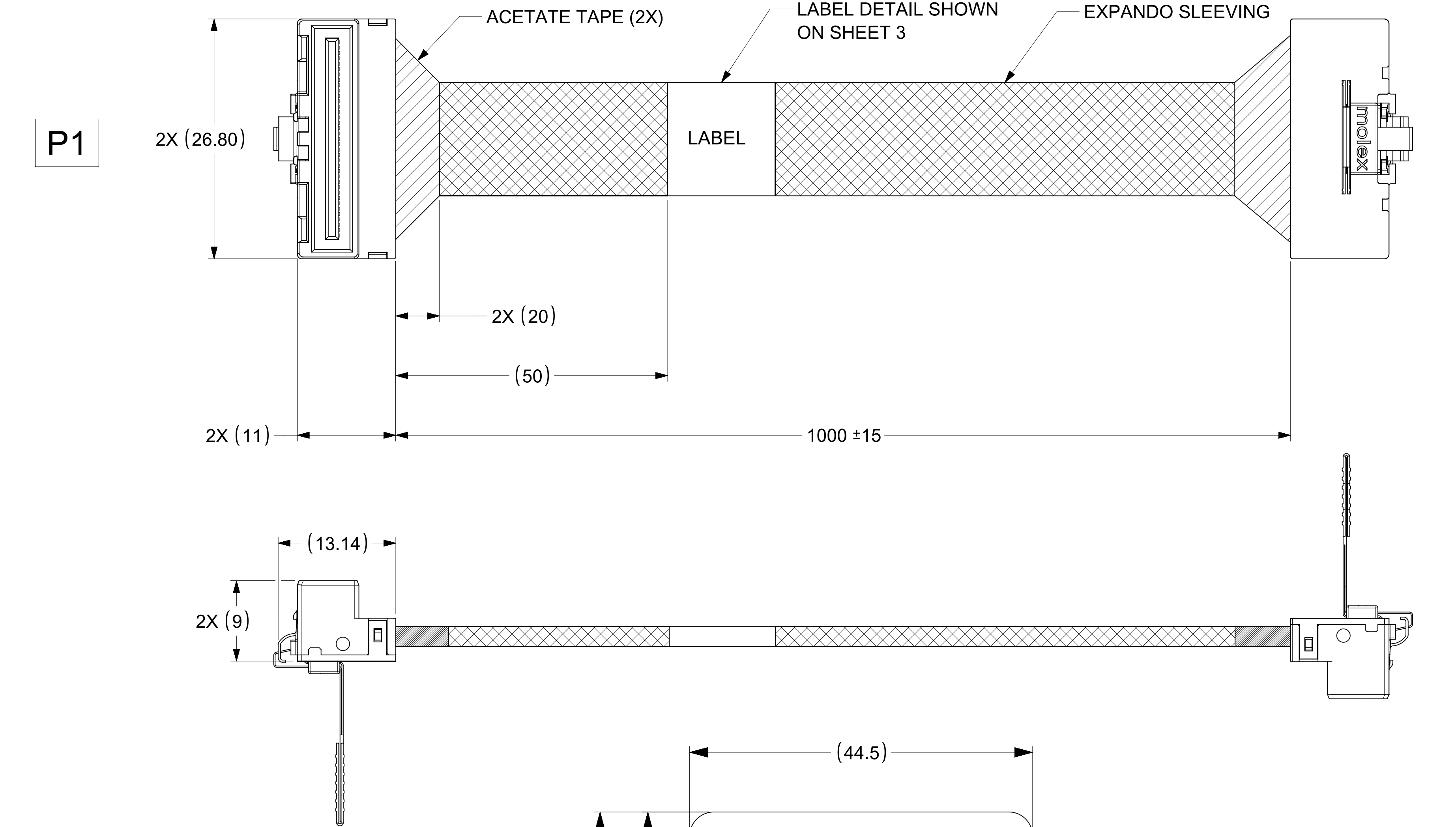


P1

P2



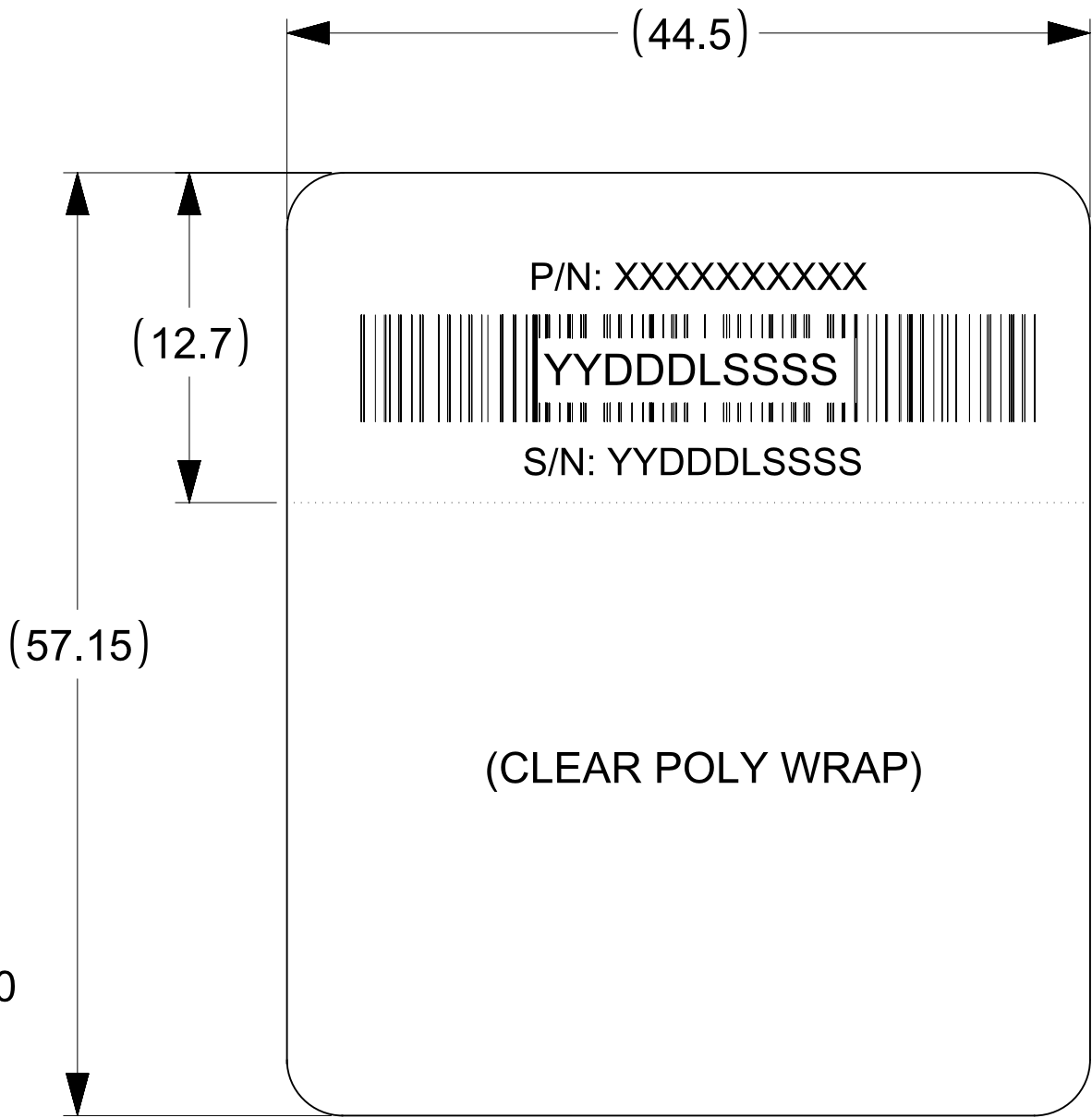
NOTES:

1. MATERIALS:

- HOUSING - GLASS FILLED LCP, UL94-V0
COLOR: BLACK
- BACK HOUSING - GLASS FILLED NYLON, UL94-V0
COLOR: BLACK
- LATCH - STAINLESS STEEL
- PULL TAPE - PET
- CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
 - SIGNAL PAIR: SILVER-COATED COPPER
 - DRAIN: TIN-COATED COPPER
 - CONFORMS TO VW1

2. RoHS COMPLIANT. NO EXCEPTIONS.

3. MINIMUM GAP FROM TAPE TO BACK HOUSING IS ACCEPTABLE

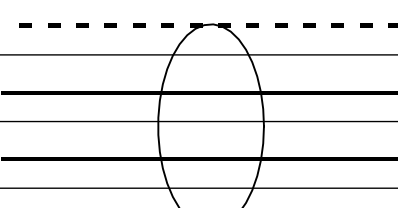
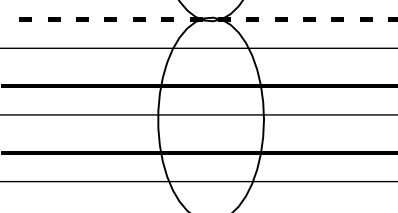
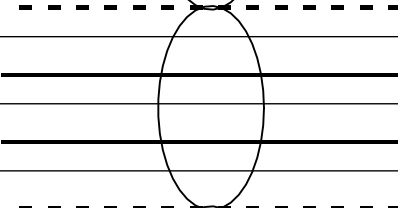
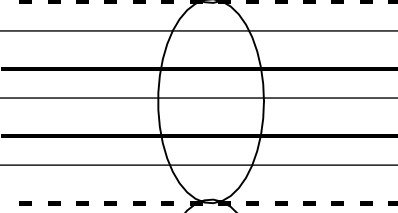
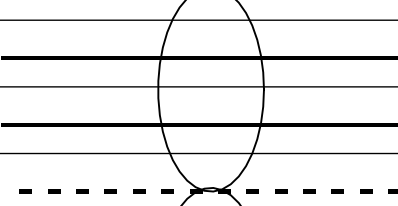
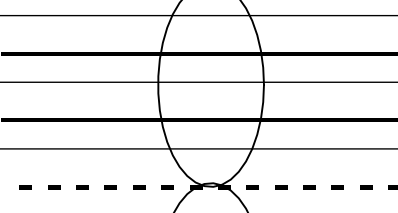
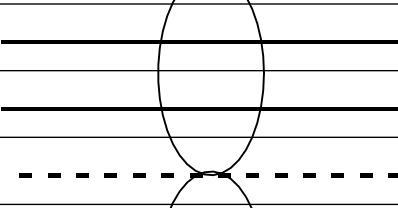
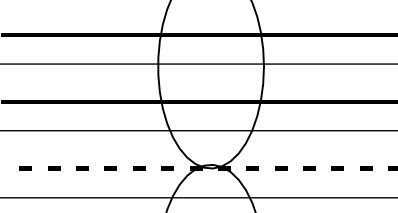
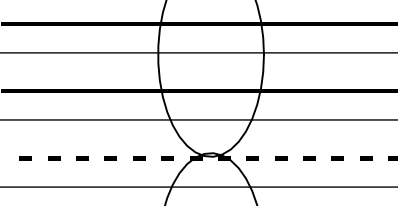
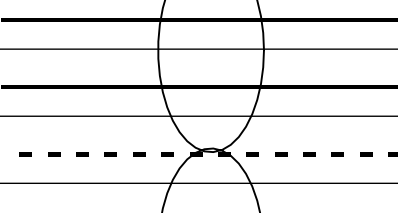
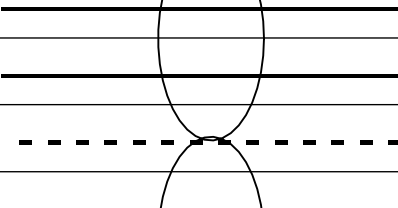
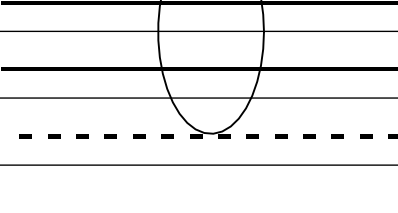


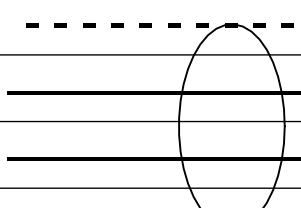
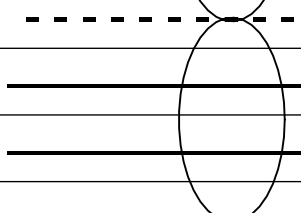
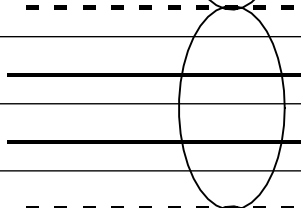
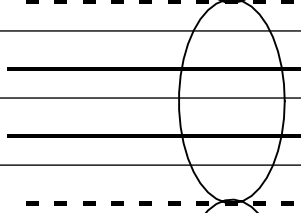
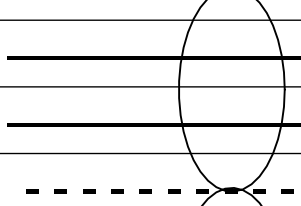
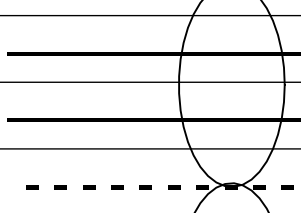
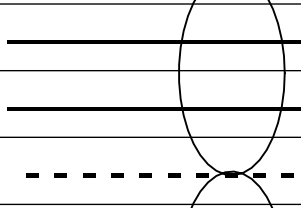
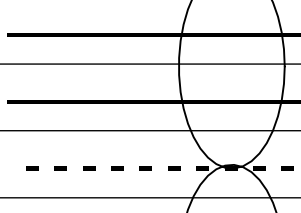
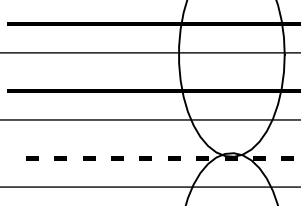
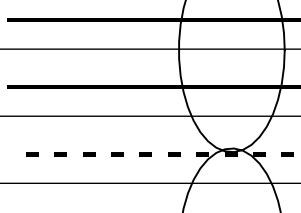
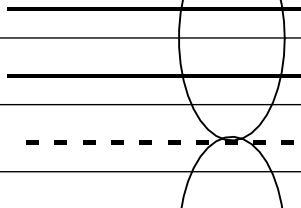
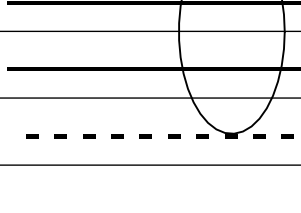
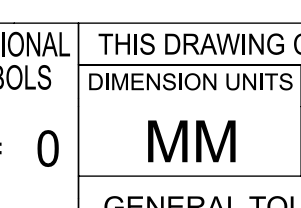
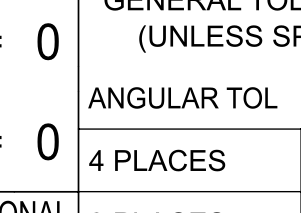
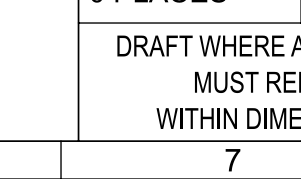
P/N: XXXXXXXXXX
MOLEX PART NUMBER (SEE P/N TABLE)

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)

MOLEX P/N	AWG	IMPEDANCE	EE SPEC
2253511002	30	85 OHM	PCIe GEN 6

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: see latest PSD				molex				
	MM		4:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				NEXTSTREAM 8X RAD TO RAD								
	ANGULAR TOL ± 0.5°												
	4 PLACES		±		PRODUCT SALES DRAWING								
	3 PLACES		±										
	2 PLACES		±										
	1 PLACE		±										
0 PLACES		±											
DIVISIONAL SYMBOLS	STATUS: Production				DRWN: Sky Lee		2024-02-01		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	CHK'D: Samuel (Shuen-Maw) Hou				2024-02-02		2253511002		PSD	000	A1		
	APP'R: Chung-Han Tsai				2024-02-02								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
		</											

P1		SIGNALTYPE	P2	
PIN #	DESCRIPTION		PIN #	DESCRIPTION
A1	GROUND		B1	GROUND
A2	PERp0		B2	PETp0
A3	PERn0		B3	PETn0
A4	GROUND		B4	GROUND
A5	PERp1		B5	PETp1
A6	PERn1		B6	PETn1
A7	GROUND		B7	GROUND
A8	SIDEBAND 01		B8	SIDEBAND 01
A9	SIDEBAND 02		B9	SIDEBAND 02
A10	GND		B10	GND
A11	SIDEBAND 03		B11	SIDEBAND 03
A12	SIDEBAND 04		B12	SIDEBAND 04
A13	GROUND		B13	GROUND
A14	PERp2		B14	PETp2
A15	PERn2		B15	PETn2
A16	GROUND		B16	GROUND
A17	PERp3		B17	PETp3
A18	PERn3		B18	PETn3
A19	GROUND		B19	GROUND
A20	PERp4		B20	PETp4
A21	PERn4		B21	PETn4
A22	GROUND		B22	GROUND
A23	PERp5		B23	PETp5
A24	PERn5		B24	PETn5
A25	GROUND		B25	GROUND
A26	SIDEBAND 05		B26	SIDEBAND 05
A27	SIDEBAND 06		B27	SIDEBAND 06
A28	GND		B28	GND
A29	SIDEBAND 07		B29	SIDEBAND 07
A30	SIDEBAND 08		B30	SIDEBAND 08
A31	GROUND		B31	GROUND
A32	PERp6		B32	PETp6
A33	PERn6		B33	PETn6
A34	GROUND		B34	GROUND
A35	PERp7		B35	PETp7
A36	PERn7		B36	PETn7
A37	GROUND		B37	GROUND

P1		SIGNALTYPE	P2	
PIN #	DESCRIPTION		PIN #	DESCRIPTION
B1	GROUND		A1	GROUND
B2	PETp0		A2	PERp0
B3	PETn0		A3	PERn0
B4	GROUND		A4	GROUND
B5	PETp1		A5	PERp1
B6	PETn1		A6	PERn1
B7	GROUND		A7	GROUND
B8	SIDEBAND 09		A8	SIDEBAND 09
B9	SIDEBAND 10		A9	SIDEBAND 10
B10	GND		A10	GND
B11	SIDEBAND 11		A11	SIDEBAND 11
B12	SIDEBAND 12		A12	SIDEBAND 12
B13	GROUND		A13	GROUND
B14	PETp2		A14	PERp2
B15	PETn2		A15	PERn2
B16	GROUND		A16	GROUND
B17	PETp3		A17	PERp3
B18	PETn3		A18	PERn3
B19	GROUND		A19	GROUND
B20	PETp4		A20	PERp4
B21	PETn4		A21	PERn4
B22	GROUND		A22	GROUND
B23	PETp5		A23	PERp5
B24	PETn5		A24	PERn5
B25	GROUND		A25	GROUND
B26	SIDEBAND 13		A26	SIDEBAND 13
B27	SIDEBAND 14		A27	SIDEBAND 14
B28	GND		A28	GND
B29	SIDEBAND 15		A29	SIDEBAND 15
B30	SIDEBAND 16		A30	SIDEBAND 16
B31	GROUND		A31	GROUND
B32	PETp6		A32	PERp6
B33	PETn6		A33	PERn6
B34	GROUND		A34	GROUND
B35	PETp7		A35	PERp7
B36	PETn7		A36	PERn7
B37	GROUND		A37	GROUND

PINOUT TABLE

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
F_A = 0 F_E = 0 F_P = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: see latest PSD				molex NEXTSTREAM 8X RAD TO RAD			
		GENERAL TOLERANCES (UNLESS SPECIFIED)											
		ANGULAR TOL ± 0.5°											
		4 PLACES		±									
		3 PLACES		±									
		2 PLACES		±		STATUS: Production DRWN: Sky Lee 2024-02-01 CHK'D: Samuel (Shuen-Maw) Hou 2024-02-02 APPR: Chung-Han Tsai 2024-02-02				PRODUCT SALES DRAWING DOCUMENT NUMBER 2253511002 DOC TYPE PSD DOC PART 000 REVISION A1			
		1 PLACE		±									
		0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		225351		2253511002				2 OF 3	

REVISION HISTORY			
DATE	REV	DESCRIPTION	ENGINEER
2023/10/26	A	INITIAL RELEASE	SKY LEE
2024/01/11	1	UPDATED THE BASE VIEW AS CHANGED TO SLIM TYPE	SKY LEE
2024/02/01	A1	UPDATED THE DOCUMENT RESTRICTION	SKY LEE