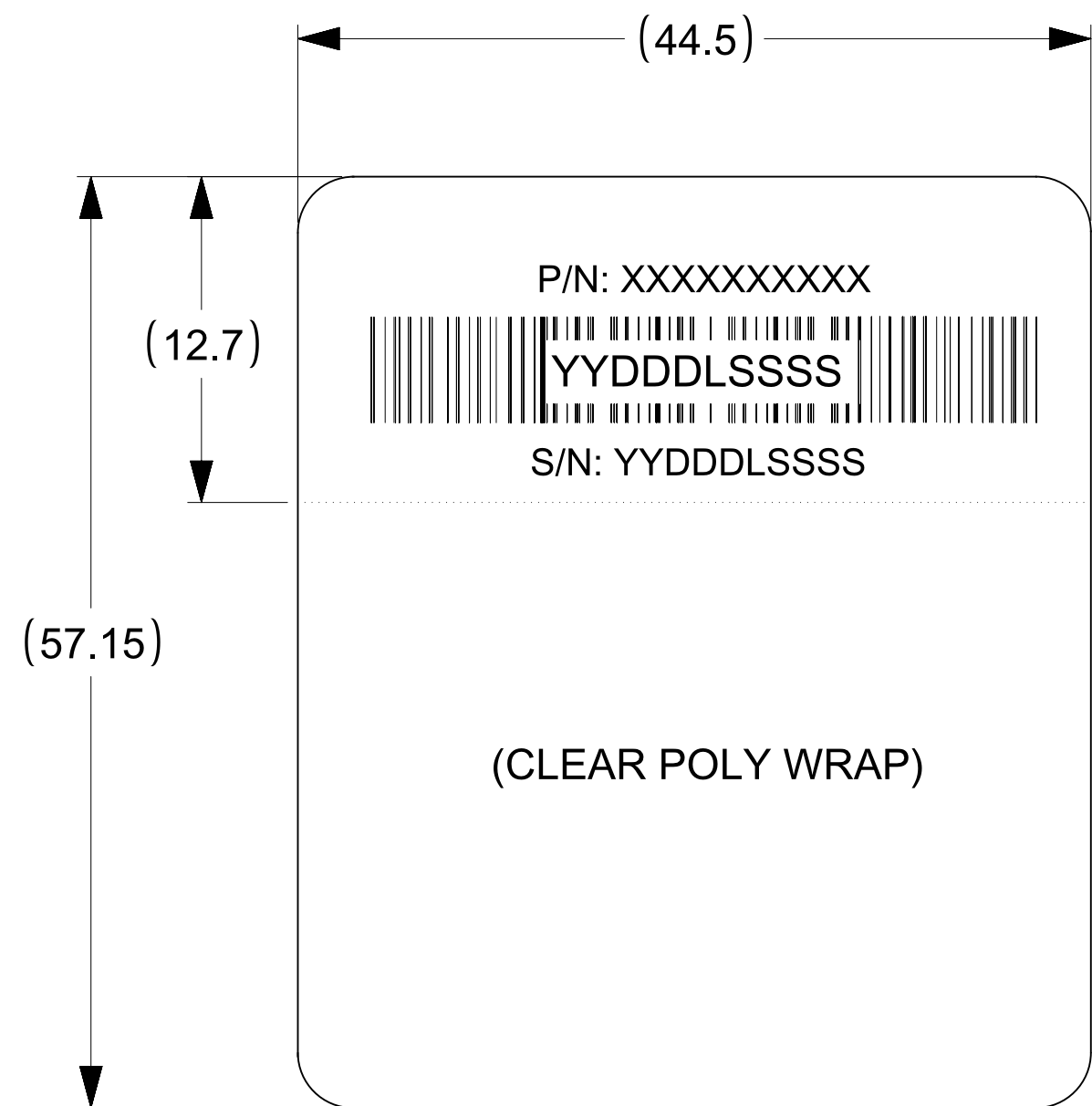
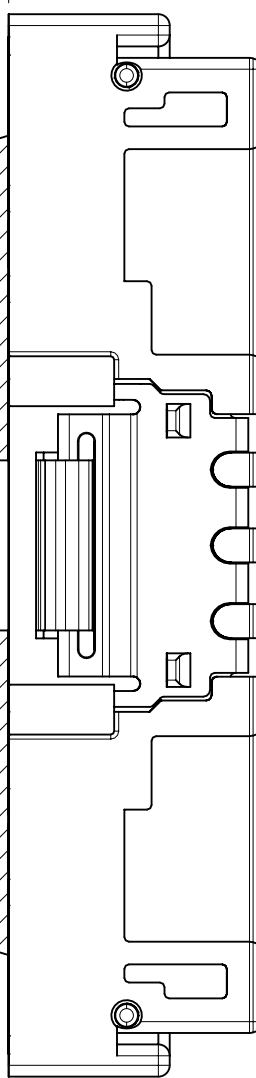
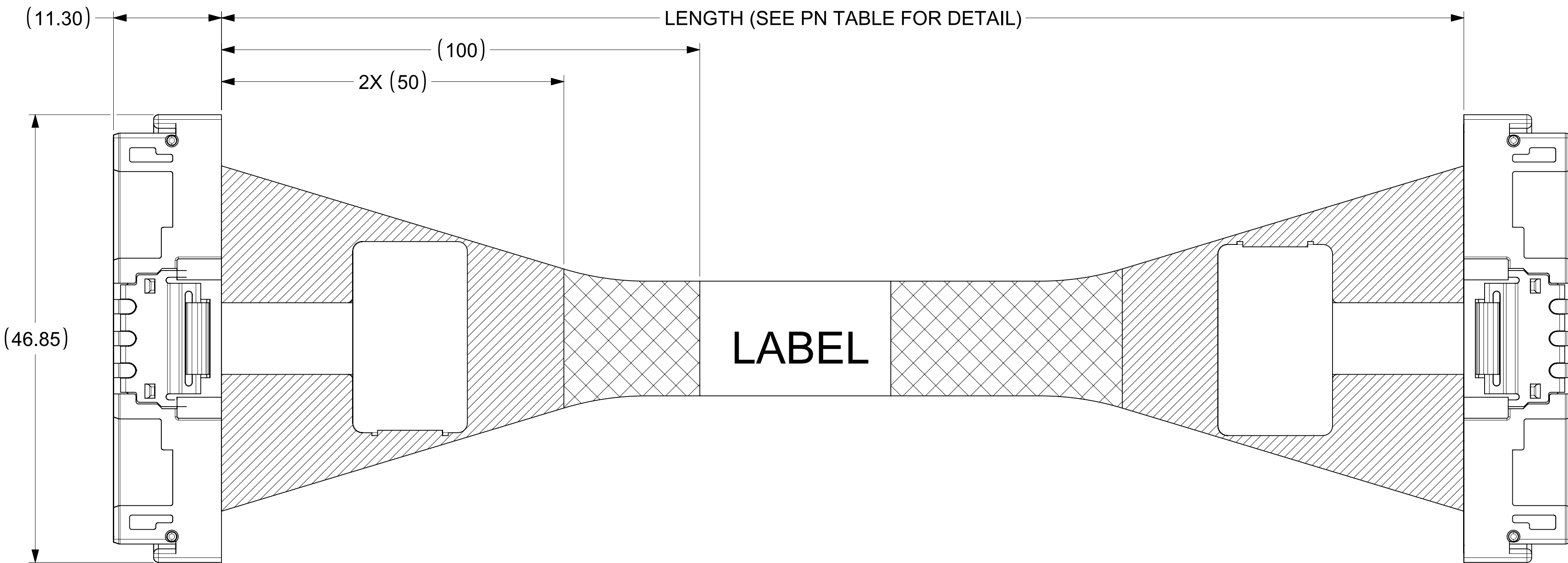
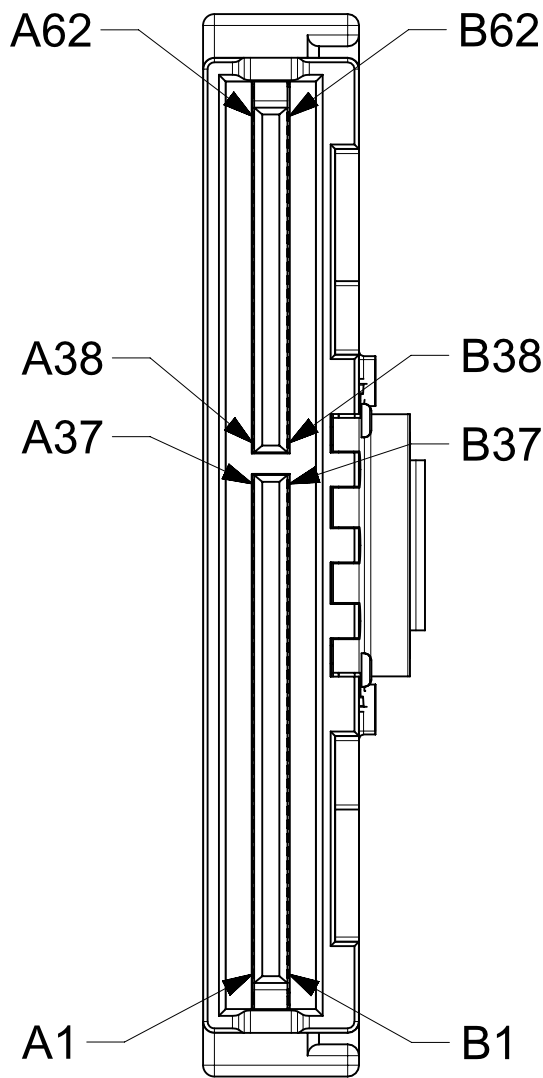
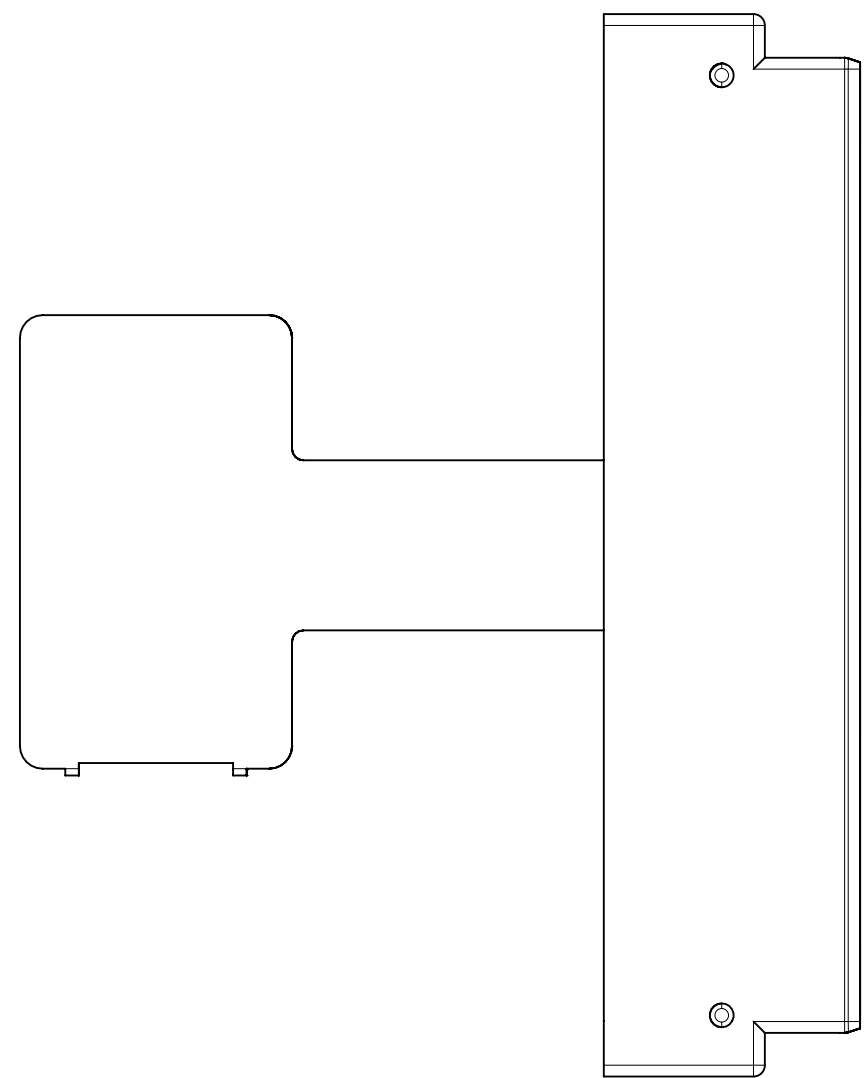




P/N: XXXXXXXXXXXX
MOLEX PART NUMBER (SEE P/N TABLE)

S/N: YYDDDLLSSSS - 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)

PN TABLE					
MOLEX P/N	LENGTH	TOLERANCE	AWG	IMPEDANCE	EE SPEC
2255571000	300MM	±10MM	30	85 OHM	PCIe GEN 6
2255571001	500MM	±10MM	30	85 OHM	PCIe GEN 6
2255571002	1000MM	±15MM	30	85 OHM	PCIe GEN 6

NOTES:

1. MATERIALS:

HOUSING - GLASS FILLED LCP, 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

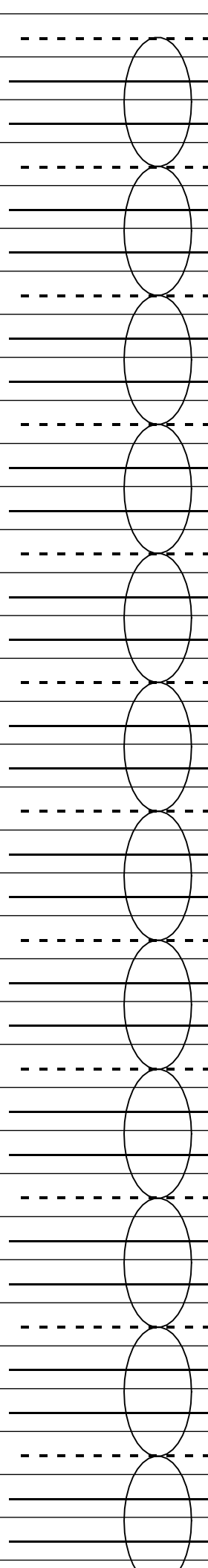
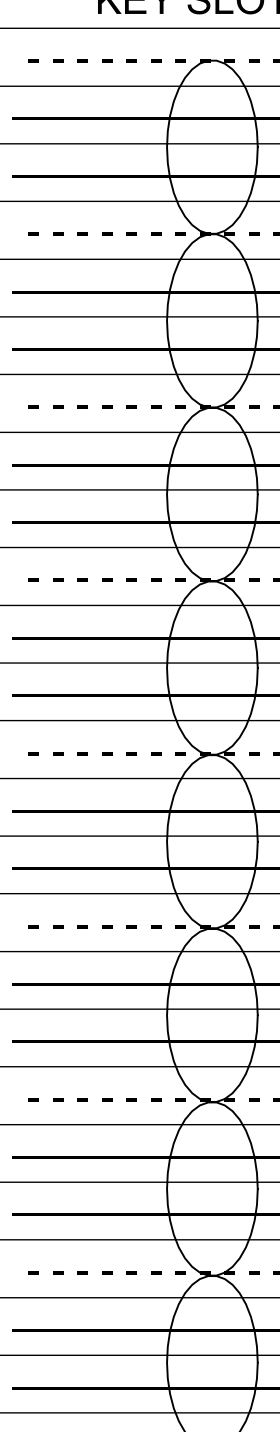
2. RoHS COMPLIANT. NO EXCEPTIONS.

3 MINIMUM GAP FROM TAPE TO BACK HOUSING IS ACCEPTABLE

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
F E = 0 F E = 0 F D = 0 <td colspan="2">DIMENSION UNITS</td> <td colspan="2">SCALE</td> <td colspan="6" rowspan="5">CURRENT REV DESC: SEE REVISION HISTORY</td> <td colspan="4" rowspan="5"> molex NEXTSTREAM 124P STR TO STR, GEN6 </td>		DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION HISTORY						molex NEXTSTREAM 124P STR TO STR, GEN6			
MM				3:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 0.5°															
4 PLACES		±													
DIVISIONAL SYMBOLS		3 PLACES		±		STATUS: Design Approved DRWN: Hui-Hsuan Yang 2023-11-21 CHK'D: Hui-Hsuan Yang 2023-11-21 APPR: Chung-Han Tsai 2023-11-21						PRODUCT SALES DRAWING DOCUMENT NUMBER 2255571000 DOC TYPE PSD DOC PART 000 REVISION 2			
		2 PLACES		±											
		1 PLACE		±											
		0 PLACES		±											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION											
				D-SIZE		225557		SEE PN TABLE				1 OF 3			

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	GROUND	-----	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
KEY SLOT				
A38	GROUND	-----	B38	GROUND
A39	PERp8	=====	B39	PETp8
A40	PERn8	=====	B40	PETn8
A41	GROUND	-----	B41	GROUND
A42	PERp9	=====	B42	PETp9
A43	PERn9	=====	B43	PETn9
A44	GROUND	-----	B44	GROUND
A45	PERp10	=====	B45	PETp10
A46	PERn10	=====	B46	PETn10
A47	GROUND	-----	B47	GROUND
A48	PERp11	=====	B48	PETp11
A49	PERn11	=====	B49	PETn11
A50	GROUND	-----	B50	GROUND
A51	PERp12	=====	B51	PETp12
A52	PERn12	=====	B52	PETn12
A53	GROUND	-----	B53	GROUND
A54	PERp13	=====	B54	PETp13
A55	PERn13	=====	B55	PETn13
A56	GROUND	-----	B56	GROUND
A57	PERp14	=====	B57	PETp14
A58	PERn14	=====	B58	PETn14
A59	GROUND	-----	B59	GROUND
A60	PERp15	=====	B60	PETp15
A61	PERn15	=====	B61	PETn15
A62	GROUND	-----	B62	GROUND

PINOUT TABLE

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
KEY SLOT				
B38	GROUND		A38	GROUND
B39	PETp8		A39	PERp8
B40	PETn8		A40	PERn8
B41	GROUND		A41	GROUND
B42	PETp9		A42	PERp9
B43	PETn9		A43	PERn9
B44	GROUND		A44	GROUND
B45	PETp10		A45	PERp10
B46	PETn10		A46	PERn10
B47	GROUND		A47	GROUND
B48	PETp11		A48	PERp11
B49	PETn11		A49	PERn11
B50	GROUND		A50	GROUND
B51	PETp12		A51	PERp12
B52	PETn12		A52	PERn12
B53	GROUND		A53	GROUND
B54	PETp13		A54	PERp13
B55	PETn13		A55	PERn13
B56	GROUND		A56	GROUND
B57	PETp14		A57	PERp14
B58	PETn14		A58	PERn14
B59	GROUND		A59	GROUND
B60	PETp15		A60	PERp15
B61	PETn15		A61	PERn15
B62	GROUND		A62	GROUND

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FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION HISTORY			molex NEXTSTREAM 124P STR TO STR, GEN6 PRODUCT SALES DRAWING								
	MM		5:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
DIVISIONAL SYMBOLS	ANGULAR TOL ± 0.5°							STATUS: Design Approved DRWN: Hui-Hsuan Yang 2023-11-21 CHK'D: Hui-Hsuan Yang 2023-11-21 APPR: Chung-Han Tsai 2023-11-21			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	4 PLACES		±		2255571000		PSD				000	2				
	3 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
	2 PLACES		±				D-SIZE				225557	SEE PN TABLE	2 OF 3			
	1 PLACE		±													
	0 PLACES		±													

