

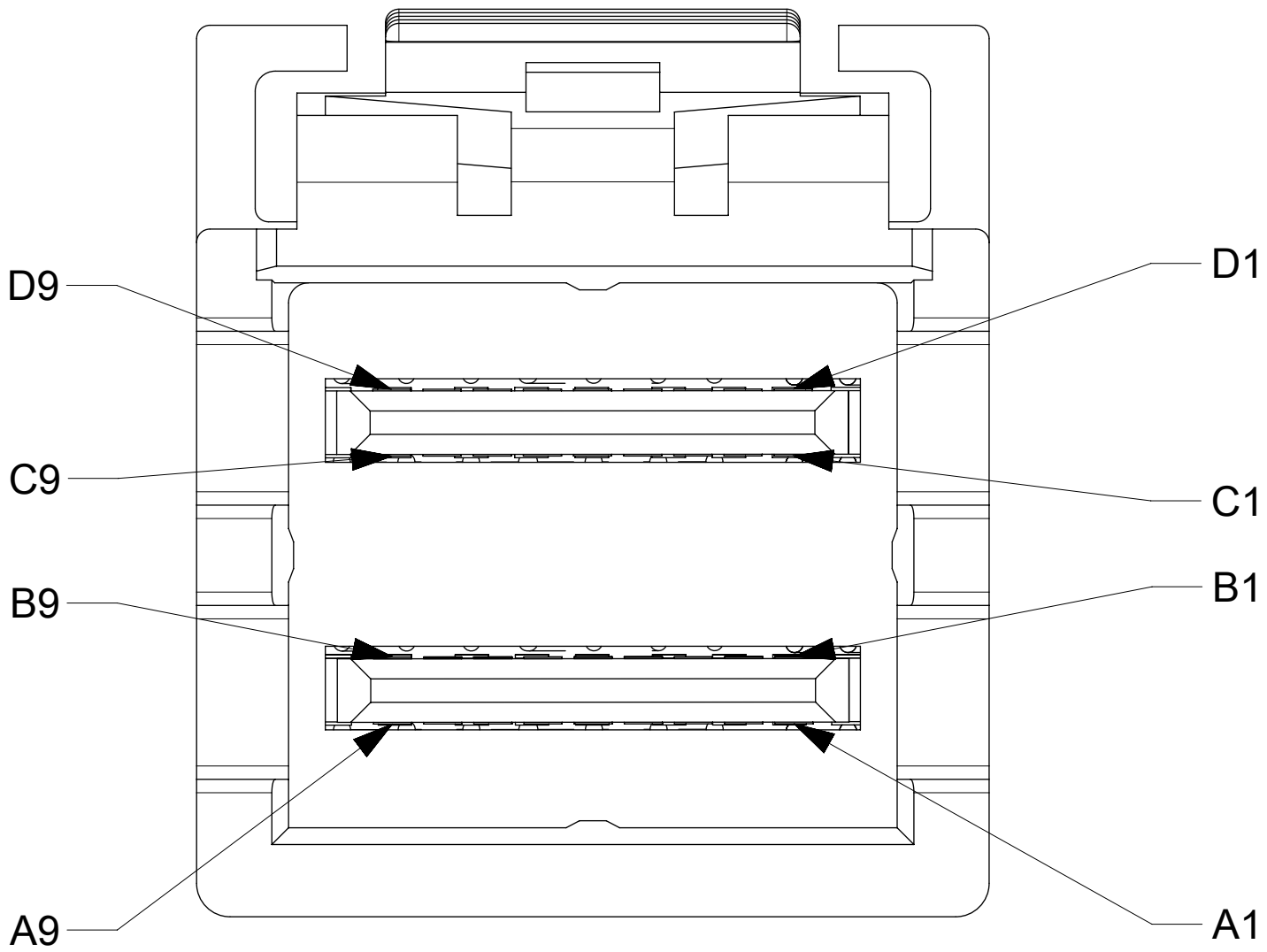
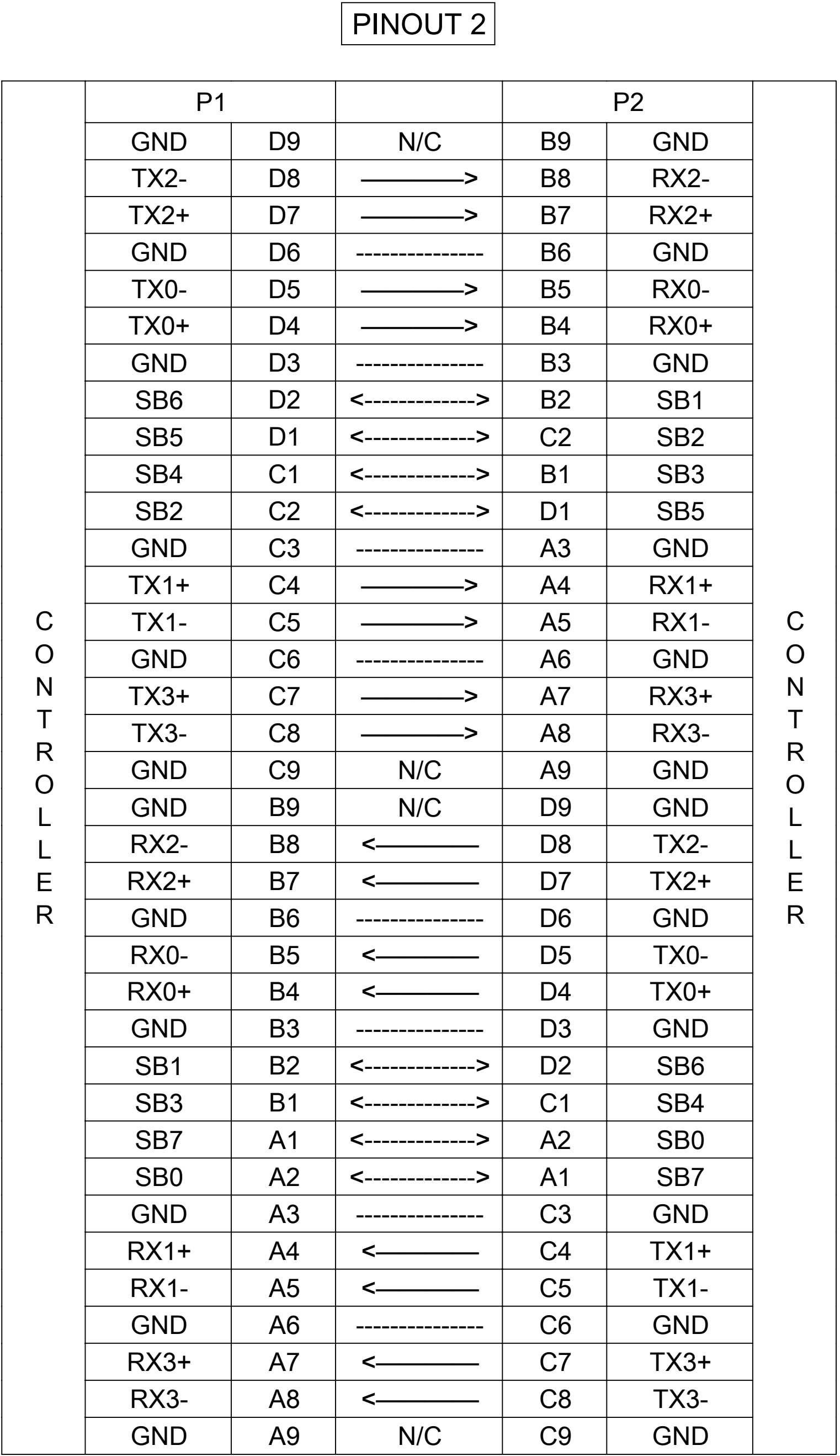
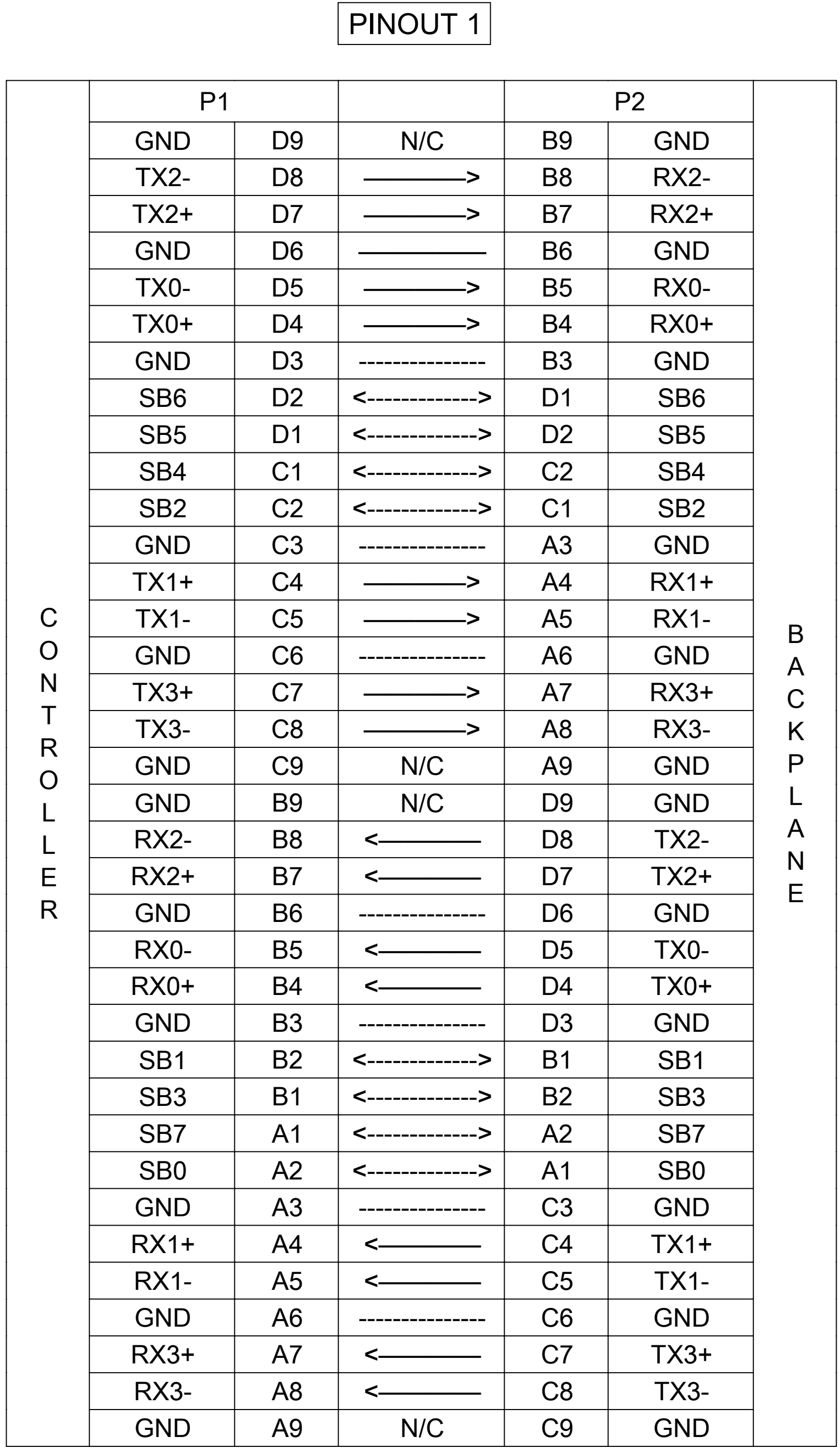
MOLEX P/N	AWG	IMPEDANCE	LENGTH(M)	TOLERANCE(+/-mm)	DESCRIPTION	PINOUT
1001710100	30	100 Ohms	0.152	10	CTRL TO BP	1
1001710101	30	100 Ohms	0.300	10	CTRL TO BP	1
1001710102	30	100 Ohms	0.500	10	CTRL TO BP	1
1001710103	30	100 Ohms	0.600	10	CTRL TO BP	1
1001710104	30	100 Ohms	1.000	15	CTRL TO BP	1
1001710200	30	100 Ohms	0.152	10	CTRL TO CTRL	2
1001710201	30	100 Ohms	0.300	10	CTRL TO CTRL	2
1001710202	30	100 Ohms	0.500	10	CTRL TO CTRL	2
1001710203	30	100 Ohms	0.600	10	CTRL TO CTRL	2
1001710204	30	100 Ohms	1.000	15	CTRL TO CTRL	2

1. MATERIAL:

- HOUSING - NYLON, UL94-V0
LATCH - MOLDED INTO HOUSING
EXPANDO - PET
CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
SIGNAL AND DRAIN: SOLID COPPER
PCB - FR4 (HALOGEN FREE)
2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING
OF SFF-8643 AND ELECTRICAL PERFORMANCE REQUIREMENTS
OF SAS 3.0
3. RoHS COMPLIANT. NO EXEMPTIONS

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		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 1.0 °													
4 PLACES		±		EC NO: 601091		DRWN: HLIN24		2017/09/12		HD 4X RAD TO HD 4X STR					
3 PLACES		±		CHK'D: VPENG01		2018/07/11									
2 PLACES		± 0.13		APPR: VPENG01		2018/07/11									
1 PLACE		± 0.25		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING							
0 PLACES		±		DRWN: HLIN24		2017/09/12		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				APPR: VPENG01		2018/07/11		1001710100		PSD		000		D	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		100171				GENERAL MARKET		1 OF 4	

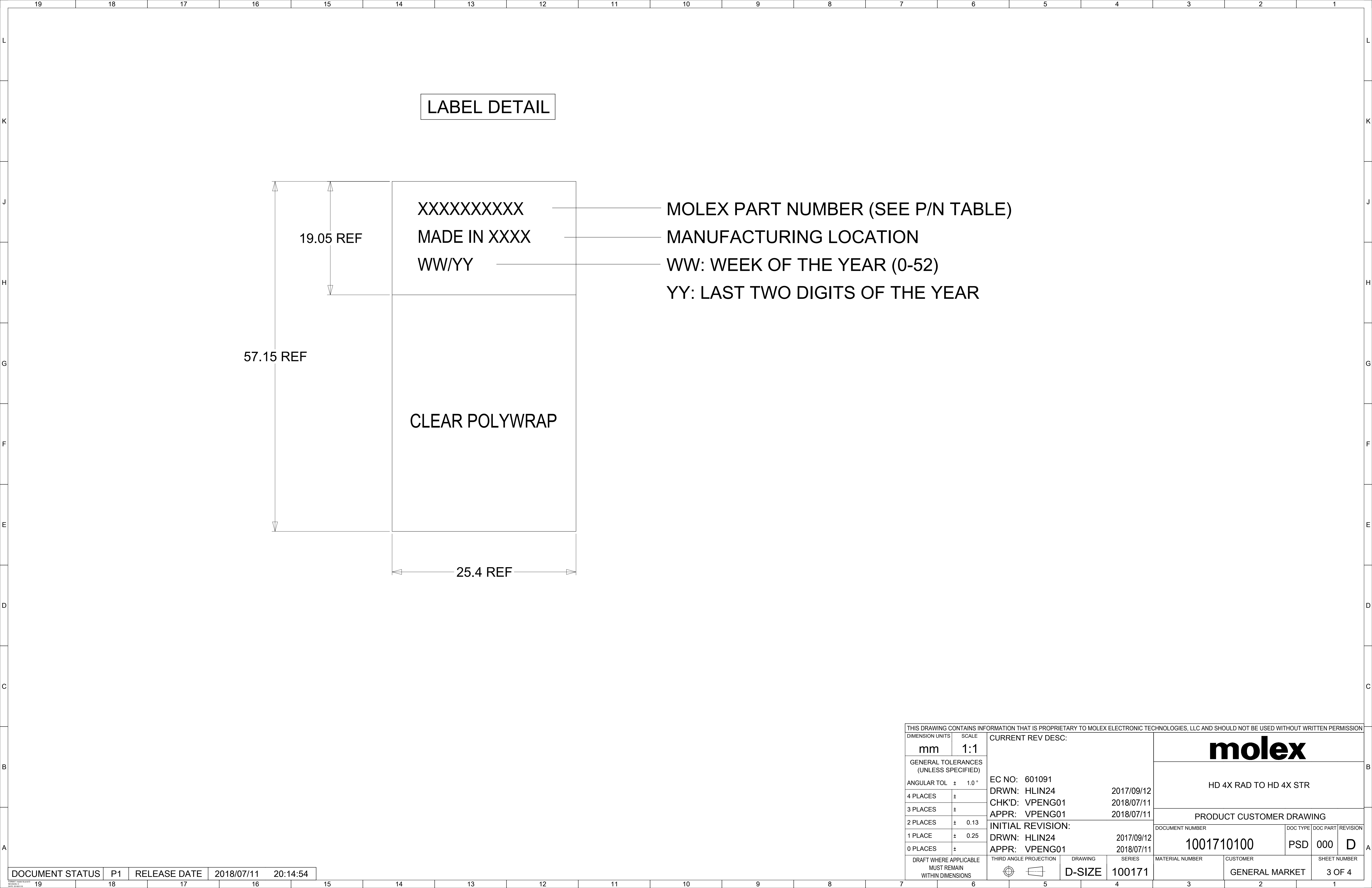
DOCUMENT STATUS	P1	RELEASE DATE	2018/07/11	20:14:54
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LEGEND:
<-----> = SIDEBAND
-----> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
----- = GND

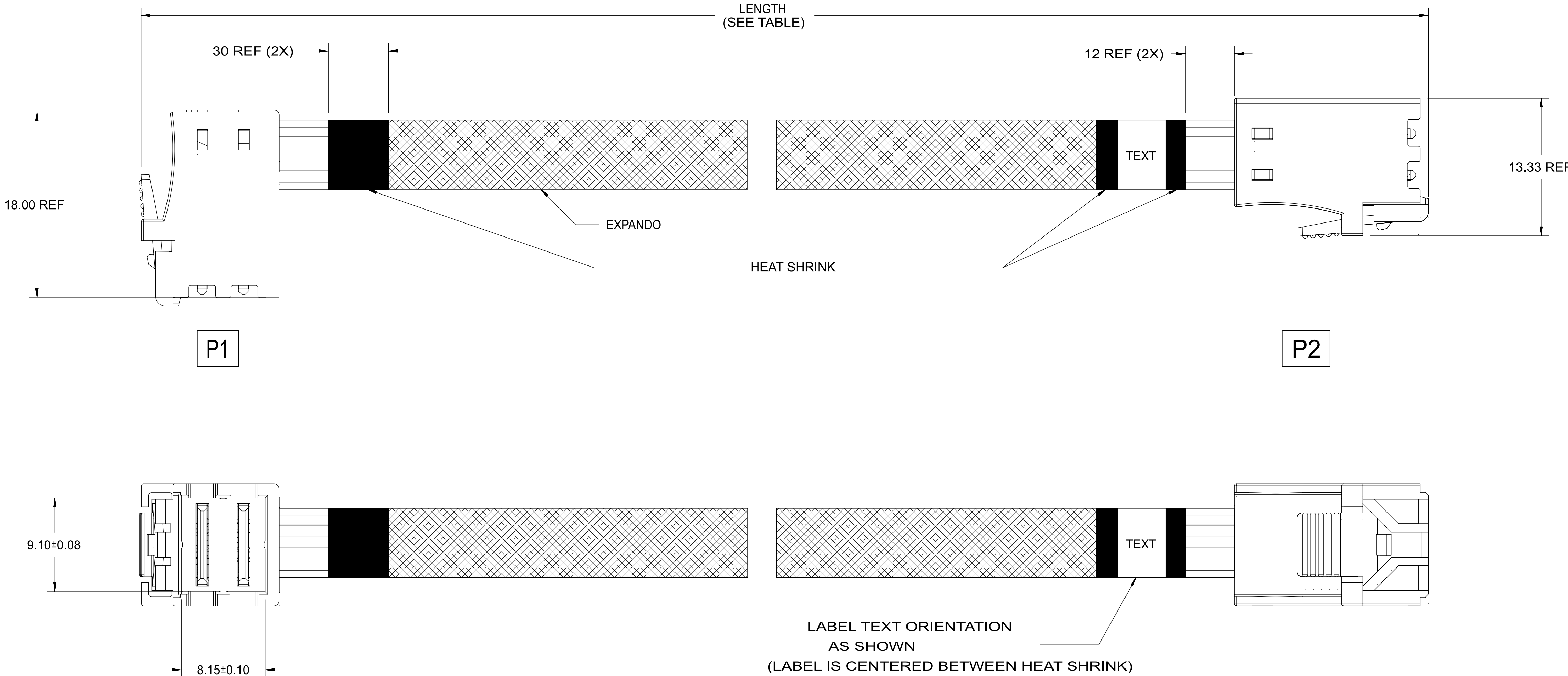
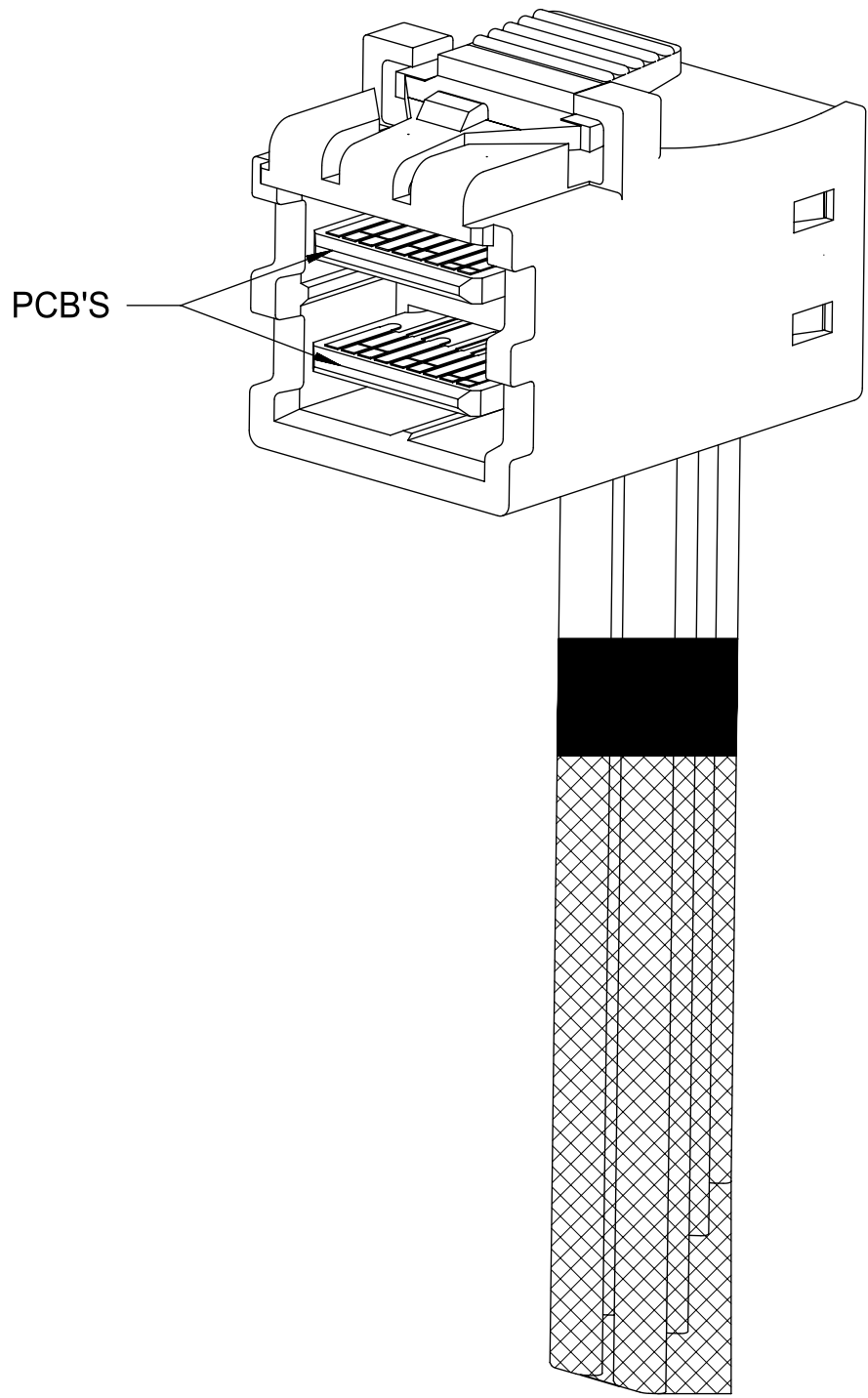
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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex					
mm	10:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 601091 DRWN: HLIN24 2017/09/12 CHK'D: VPENG01 2018/07/11 APPR: VPENG01 2018/07/11 INITIAL REVISION: DRWN: HLIN24 2017/09/12 APPR: VPENG01 2018/07/11		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
ANGULAR TOL	± 1.0 °			1001710100		PSD	000	D	
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.13								
1 PLACE	± 0.25	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
				D-SIZE		100171		GENERAL MARKET	2 OF 4



LABEL DETAIL

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex										
mm		1:1																
GENERAL TOLERANCES (UNLESS SPECIFIED)				HD 4X RAD TO HD 4X STR														
ANGULAR TOL		± 1.0 °																
4 PLACES		±																
3 PLACES		±																
2 PLACES		± 0.13																
1 PLACE		± 0.25		INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		
0 PLACES		±						1001710100				PSD		000		D		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER		
						D-SIZE		100171					GENERAL MARKET			3 OF 4		



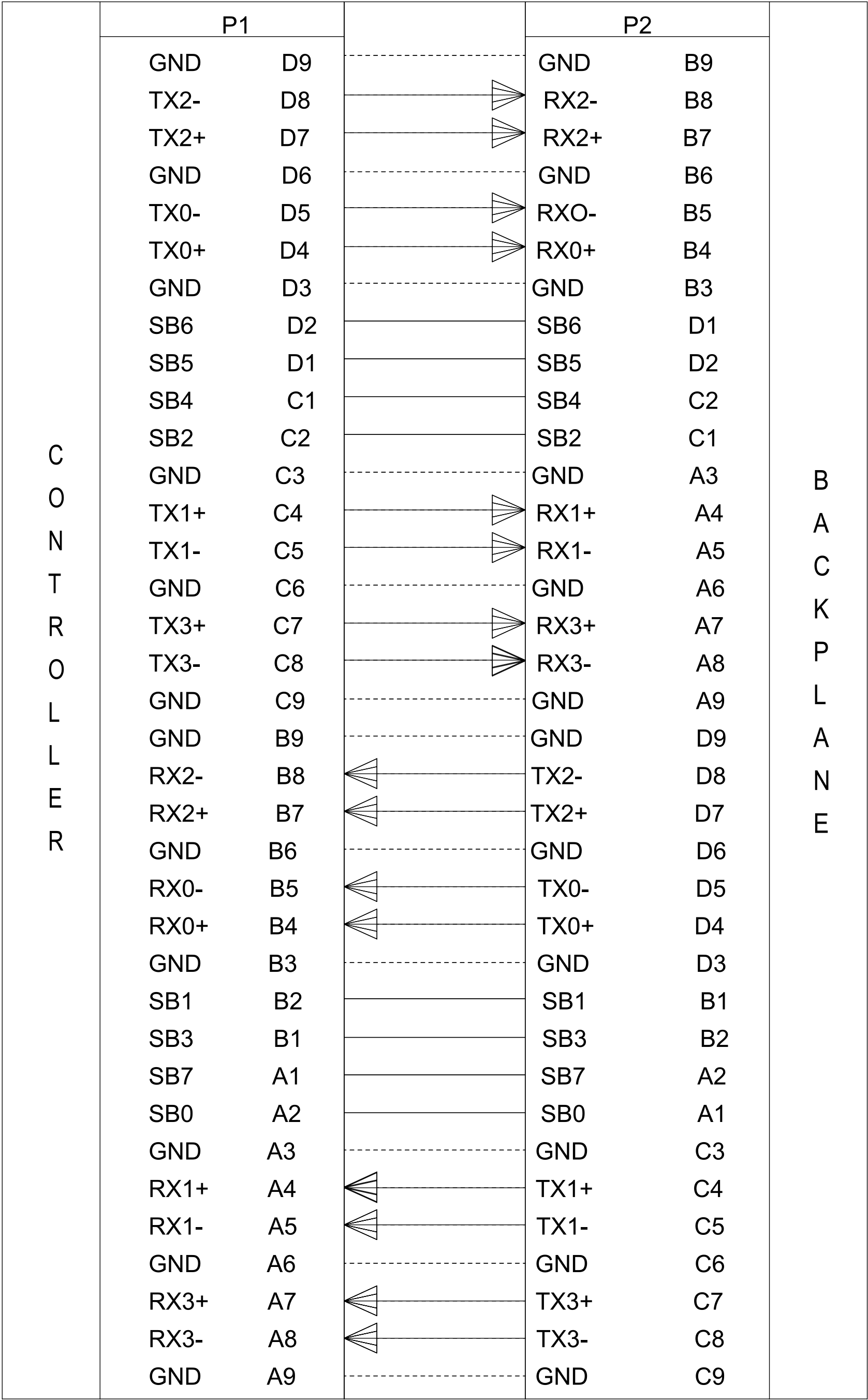
NOTES:

- MATERIAL:
 - HOUSING - 30% GLASS FILLED NYLON, UL94-V0
 - LATCH - MOLDED INTO HOUSING
 - EXPANDO - PET
 - CABLE - TWIN-AX SHIELD: ALUMNINIZED POLYESTER FOIL
 - SIGNAL AND DRAIN: SOLID COPPER
 - PCB - FR4 (HALOGEN FREE)
- THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8643 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
- RoHS COMPLIANT. NO EXEMPTIONS

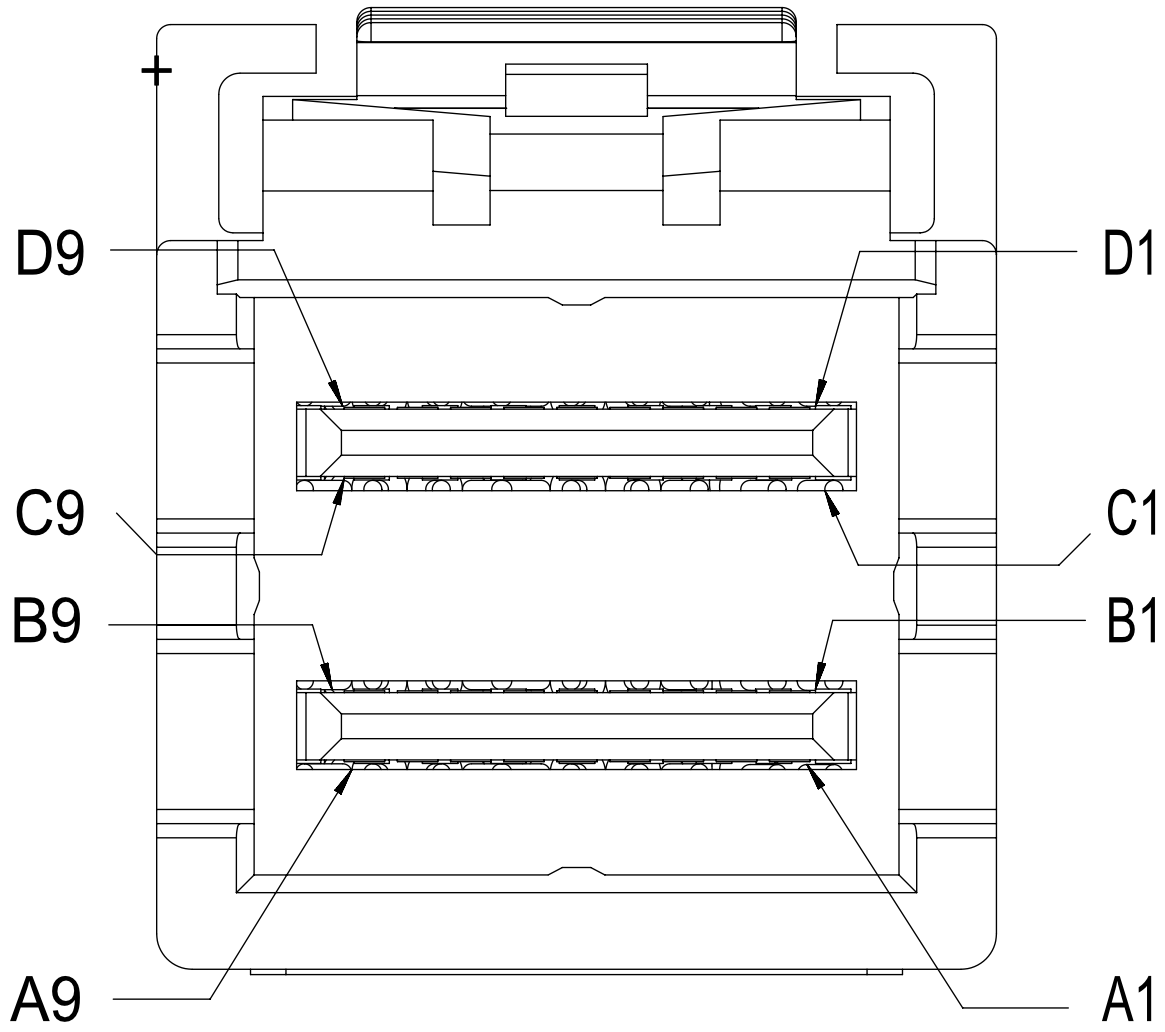
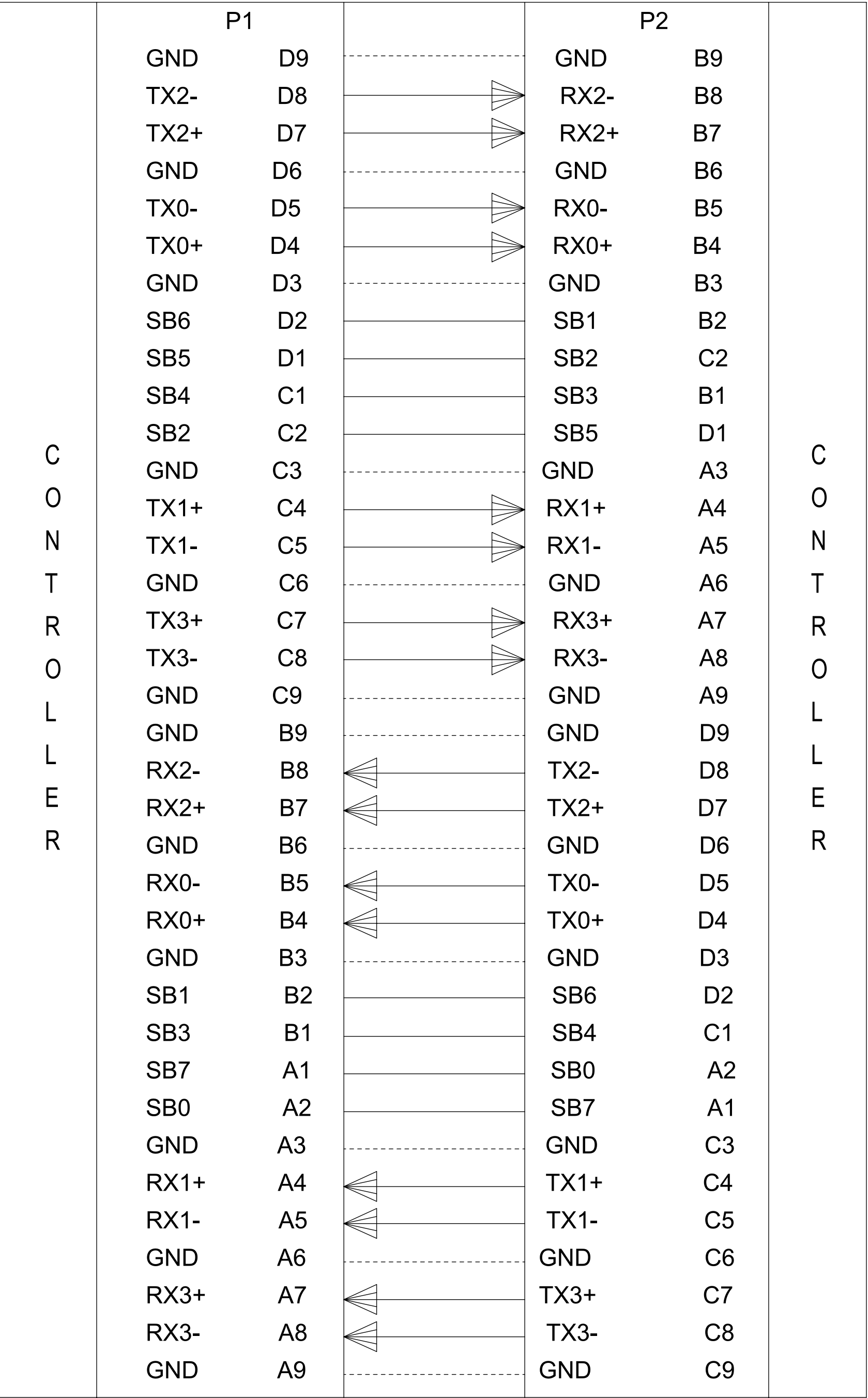
MOLEX P/N	AWG	LENGTH (M)	TOLERANCE (±mm)	DESCRIPTION	PINOUT
1001710100	30	0.152	10	CTRL TO BP	1
1001710101	30	0.300	10	CTRL TO BP	1
1001710102	30	0.500	10	CTRL TO BP	1
1001710103	30	0.600	10	CTRL TO BP	1
1001710104	30	1.000	15	CTRL TO BP	1
1001710200	30	0.152	10	CTRL TO CTRL	2
1001710201	30	0.300	10	CTRL TO CTRL	2
1001710202	30	0.500	10	CTRL TO CTRL	2
1001710203	30	0.600	10	CTRL TO CTRL	2
1001710204	30	1.000	15	CTRL TO CTRL	2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405							
		MM		4:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Vishal Ramesh Hosur2024-04-25 CHK'D: Ganesh Rao B2024-05-20 APPR: Gurunandan GA2024-05-20							
		ANGULAR TOL ± 1°											
		4 PLACES		±									
3 PLACES		±											
2 PLACES		± 0.130											
1 PLACE		± 0.25											
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES					
						D-SIZE		100171					
						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						SD-100171-0100		PSD		001		C1	
						MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
						SEE TABLE		GENERAL MARKET				1 OF 3	
						PRODUCT SALES DRAWING						molex	
						4X INT. HD SHORT BODY RIGHT ANGLE DOWN TO STR CABLE ASSY 100 OHM							

PINOUT 1



PINOUT 2

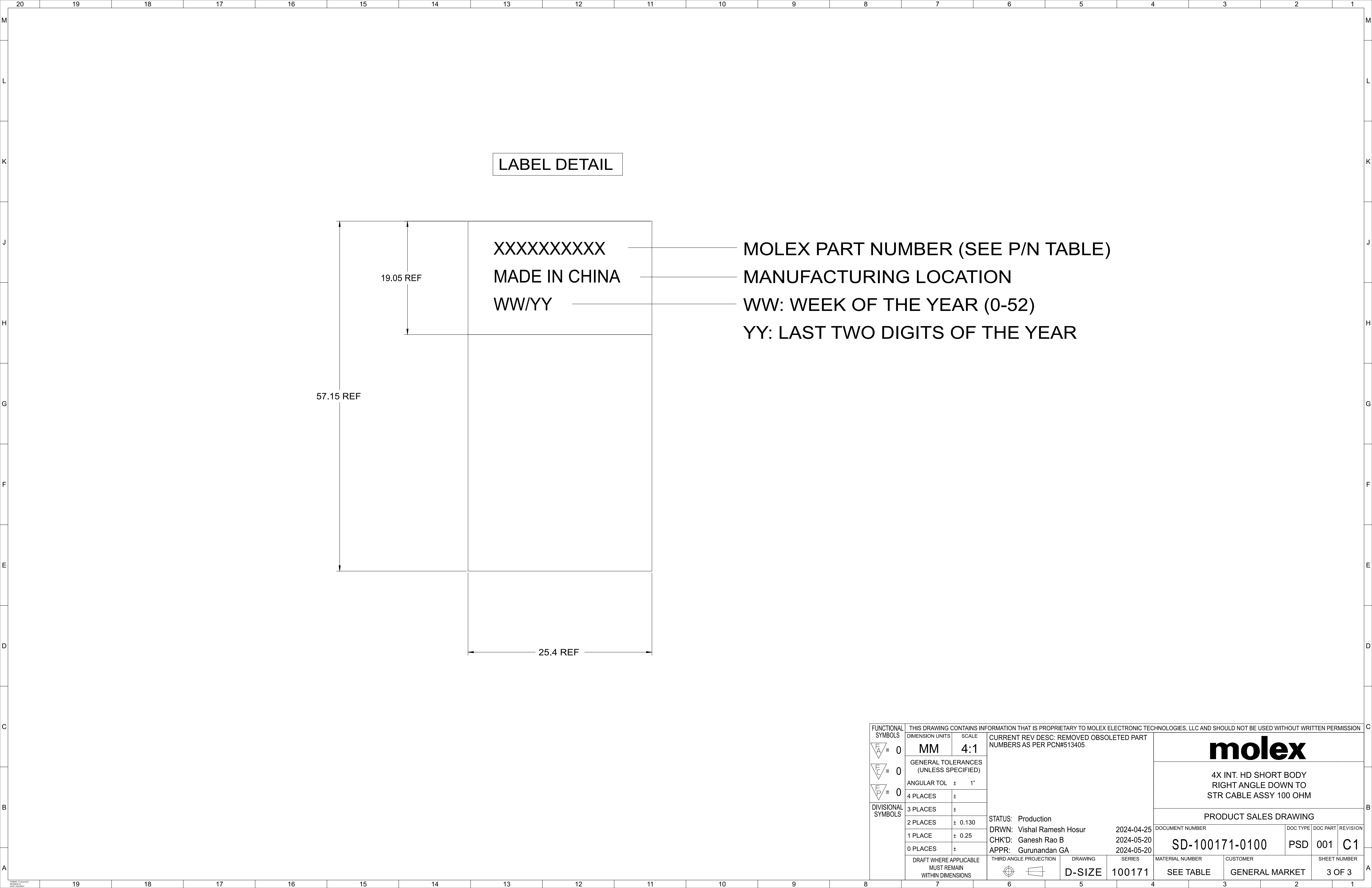


LEGEND:

---- = THRU LINES

→ = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405				molex 4X INT. HD SHORT BODY RIGHT ANGLE DOWN TO STR CABLE ASSY 100 OHM						
	MM		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1°				STATUS: Production DRWN: Vishal Ramesh Hosur 2024-04-25 CHK'D: Ganesh Rao B 2024-05-20 APPR: Gurunandan GA 2024-05-20				PRODUCT SALES DRAWING						
	4 PLACES		±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	3 PLACES		±						SD-100171-0100		PSD	001	C1		
	2 PLACES		± 0.130												
	1 PLACE		± 0.25												
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		100171		SEE TABLE		GENERAL MARKET		2 OF 3	



LABEL DETAIL

XXXXXXXXXX

MADE IN CHINA

WW/YY

MOLEX PART NUMBER (SEE P/N TABLE)

MANUFACTURING LOCATION

WW: WEEK OF THE YEAR (0-52)

YY: LAST TWO DIGITS OF THE YEAR

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FUNCTIONAL SYMBOLS FA = 0 FC = 0 FD = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405							
		MM		4:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)											
		ANGULAR TOL		±	1°								
		4 PLACES		±									
		3 PLACES		±									
		2 PLACES		±	0.130	STATUS: Production DRWN: Vishal Ramesh Hosur CHK'D: Ganesh Rao B APPR: Gurunandan GA		2024-04-25 2024-05-20 2024-05-20		DOCUMENT NUMBER SD-100171-0100			
1 PLACE		±	0.25										
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		100171		SEE TABLE		GENERAL MARKET		3 OF 3	