



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



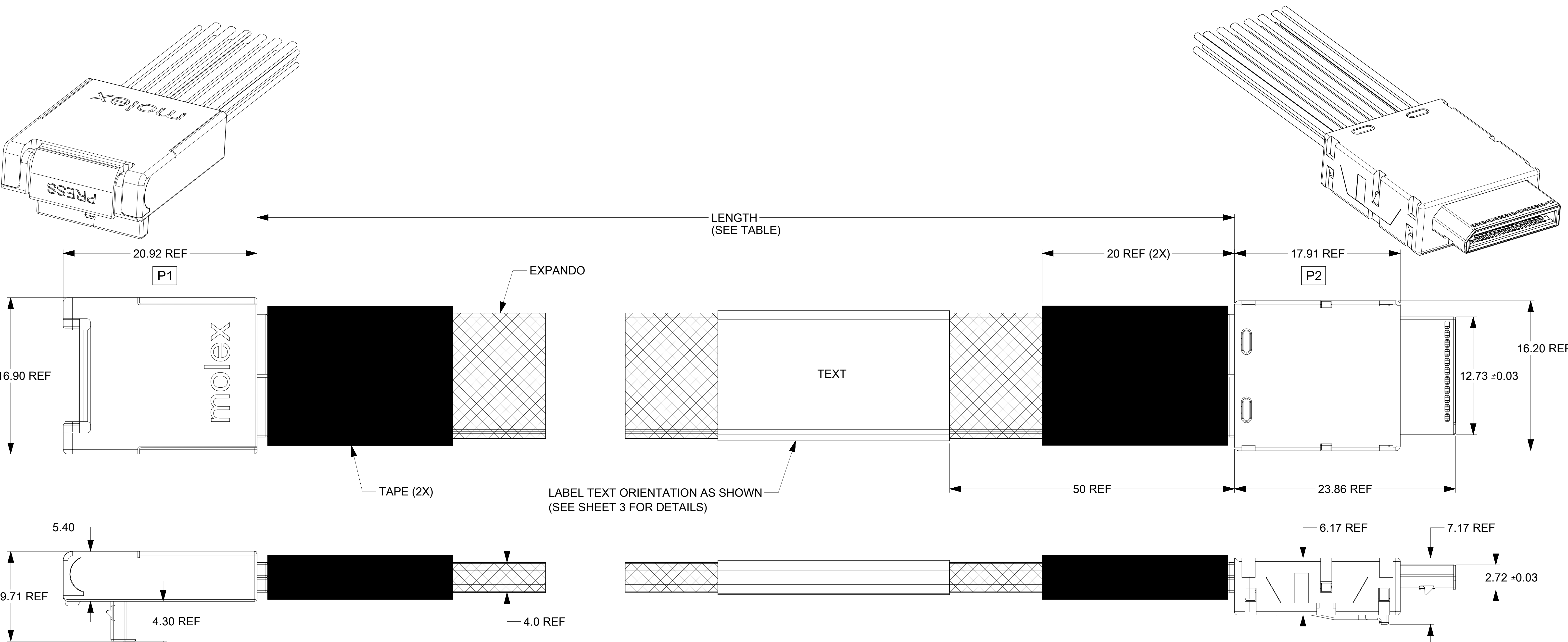
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- NOTES:
- MATERIALS:
 - BACKSHELLS - STR-GLASS FILLED LCP, UL94-V0
 - RA-NYLON, UL94-VO
 - COLOR: BLACK
 - LATCHING - STAINLESS STEEL
 - CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
 - SIGNAL PAIR: SOLID SILVER PLATED COPPER
 - DRAIN: SOLID TINNED COPPER
 - CONFORMS TO VW1
 - PCB - HALOGEN FREE
 - PLUG MATES TO RIGHT-ANGLE AND VERTICAL RECEPTACLE SERIES 173162.
 - RoHS COMPLIANT. NO EXCEPTIONS.

MOLEX P/N	LENGTH	TOLERANCE	TWINAX CABLE		MECHANICAL SPECIFICATION	ELECTRICAL SPECIFICATION	PINOUT TABLE
			IMPEDANCE	AWG			
2024921000	300mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	A
2024921001	500mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	A
2024921002	700mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	A
2024921003	1000mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	A
2024921050	300mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	B
2024921051	500mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	B
2024921052	700mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	B
2024921053	1000mm	±10mm	85 Ohms	34	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	B

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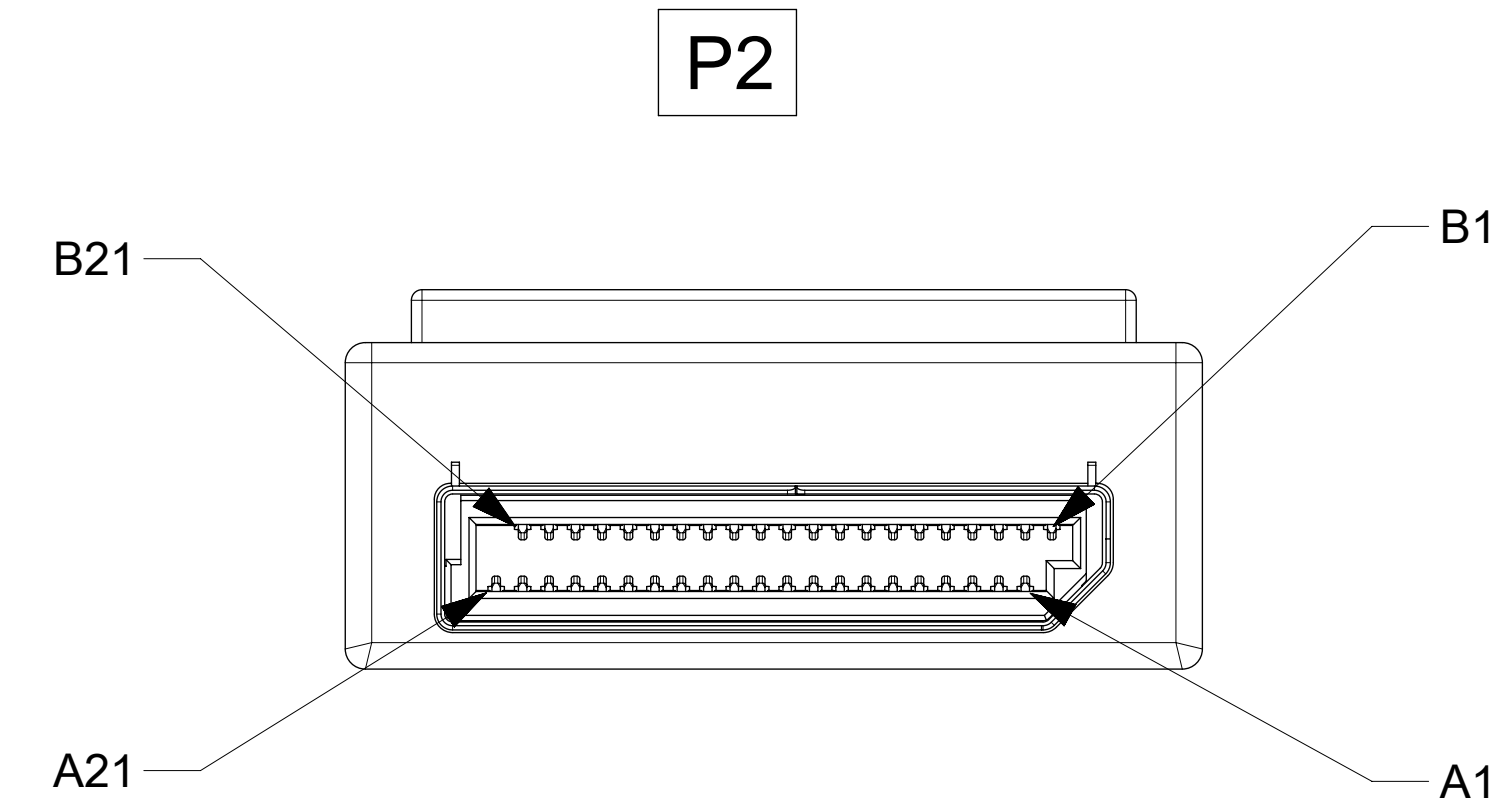
QUALITY SYMBOLS F = 0 E = 0 D = 0 C = 0 X = 0 S = 0 V = 0	EC NO: 117596 DRWN: JWALLACE01 CHKD: MSTRACK REV APPR: JALEXANDER	2017/05/31 2017/05/31 2017/05/05	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS: MM SCALE: NTS DRWN BY: JWALLACE01 DATE: 2016/08/30 CHKD BY: MSTRACK DATE: 2016/09/15 APPR BY: JCDEMPSEY DATE: 2016/09/23	molex NPIO 4X W/SB RAD TO STRAIGHT PRODUCT CUSTOMER DRAWING SERIES: 202492 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET DOCUMENT NUMBER: 2024921000 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 3
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PINOUT TABLE A

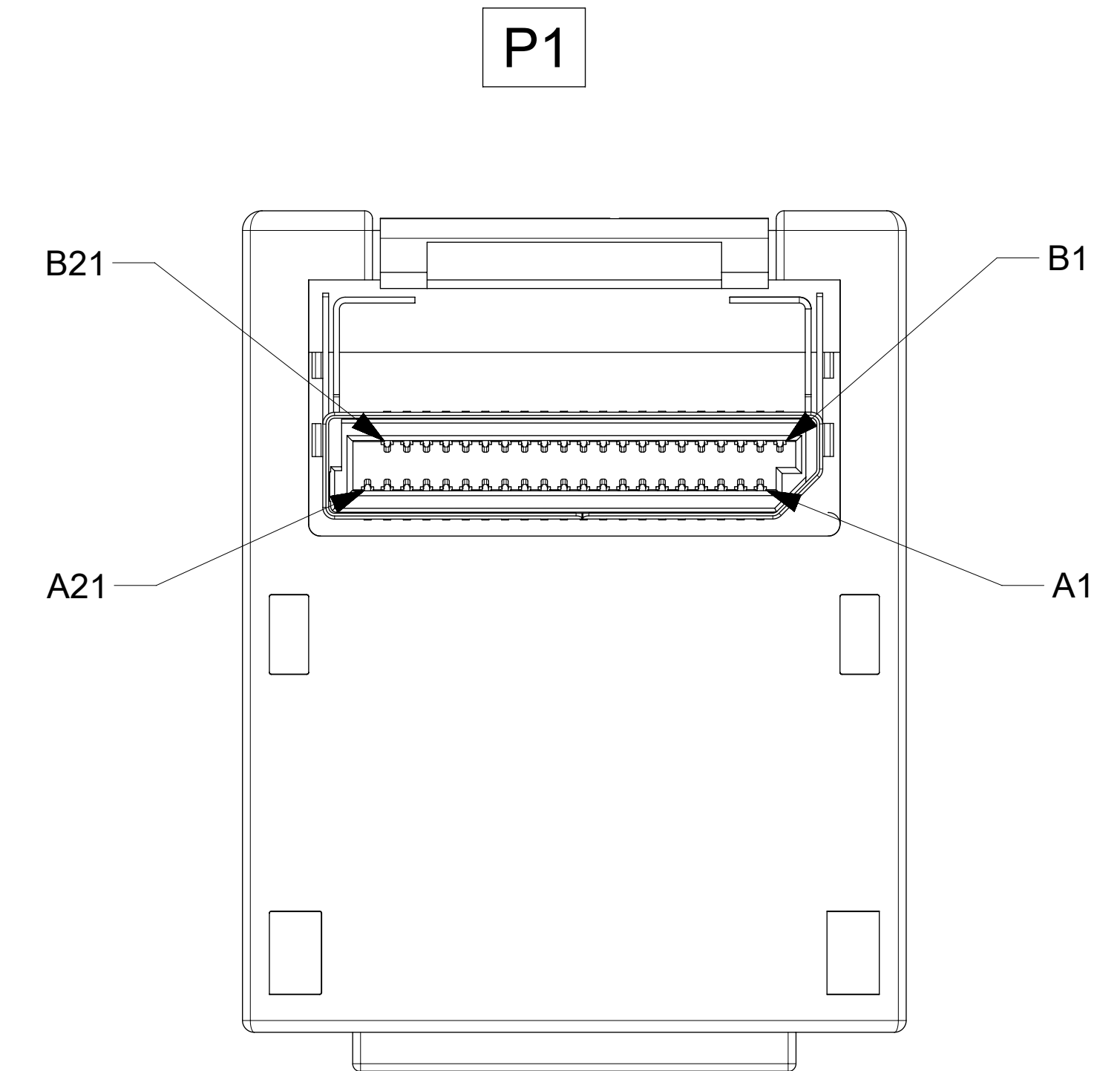
P1					P2	
PIN #	DESCRIPTION	SIGNAL TYPE	WIRE ID	AWG	PIN #	DESCRIPTION
A1	NO CONNECT	NC	NO WIRE		B1	NO CONNECT
A2	GROUND	----	TWINAX1	34	B2	GROUND
A3	PERp0	<---	TWINAX1	34	B3	PETp0
A4	PERn0	<---	TWINAX1	34	B4	PETn0
A5	GROUND	----	TWINAX2	34	B5	GROUND
A6	PERp1	<---	TWINAX2	34	B6	PETp1
A7	PERn1	<---	TWINAX2	34	B7	PETn1
A8	GROUND	----	TWINAX3	34	B8	GROUND
A9	BP_TYPE	<---	TWINAX3	34	B9	BP_TYPE
A10	CWAKE#	<-->	TWINAX3	34	B10	CWAKE#
A11	GROUND	NC	NO WIRE		B11	GROUND
A12	VSP+	---	TWINAX4	34	B12	VSP+
A13	VSP-	---	TWINAX4	34	B13	VSP-
A14	GROUND	----	TWINAX4	34	B14	GROUND
A15	PERp2	<---	TWINAX5	34	B15	PETp2
A16	PERn2	<---	TWINAX5	34	B16	PETn2
A17	GROUND	----	TWINAX5	34	B17	GROUND
A18	PERp3	<---	TWINAX6	34	B18	PETp3
A19	PERn3	<---	TWINAX6	34	B19	PETn3
A20	GROUND	----	TWINAX6	34	B20	GROUND
A21	NO CONNECT	NC	NO WIRE		B21	NO CONNECT
B1	NO CONNECT	NC	NO WIRE		A1	NO CONNECT
B2	GROUND	----	TWINAX7	34	A2	GROUND
B3	PETp0	---	TWINAX7	34	A3	PERp0
B4	PETn0	---	TWINAX7	34	A4	PERn0
B5	GROUND	----	TWINAX8	34	A5	GROUND
B6	PETp1	---	TWINAX8	34	A6	PERp1
B7	PETn1	---	TWINAX8	34	A7	PERn1
B8	GROUND	----	TWINAX9	34	A8	GROUND
B9	2-WIRE CLOCK	<-->	TWINAX9	34	A9	2-WIRE CLOCK
B10	2-WIRE DATA	<-->	TWINAX9	34	A10	2-WIRE DATA
B11	GROUND	NC	NO WIRE		A11	GROUND
B12	PERST#	<-->	TWINAX10	34	A12	PERST#
B13	CPRSNT#	<-->	TWINAX10	34	A13	CPRSNT#
B14	GROUND	----	TWINAX10	34	A14	GROUND
B15	PETp2	---	TWINAX11	34	A15	PERp2
B16	PETn2	---	TWINAX11	34	A16	PERn2
B17	GROUND	----	TWINAX11	34	A17	GROUND
B18	PETp3	---	TWINAX12	34	A18	PERp3
B19	PETn3	---	TWINAX12	34	A19	PERn3
B20	GROUND	----	TWINAX12	34	A20	GROUND
B21	NO CONNECT	NC	NO WIRE		A21	NO CONNECT

PINOUT TABLE B

P1					P2	
PIN #	DESCRIPTION	SIGNAL TYPE	WIRE ID	AWG	PIN #	DESCRIPTION
A1	A1	<-->	DISCRETE	30	B1	B1
A2	GROUND	----	TWINAX1	34	B2	GROUND
A3	PERp0	<---	TWINAX1	34	B3	PETp0
A4	PERn0	<---	TWINAX1	34	B4	PETn0
A5	GROUND	----	TWINAX2	34	B5	GROUND
A6	PERp1	<---	TWINAX2	34	B6	PETp1
A7	PERn1	<---	TWINAX2	34	B7	PETn1
A8	GROUND	----	TWINAX3	34	B8	GROUND
A9	BP_TYPE	<---	TWINAX3	34	B9	BP_TYPE
A10	CWAKE#	<-->	TWINAX3	34	B10	CWAKE#
A11	GROUND	<-->	DISCRETE	34 (RED)	B11	GROUND/SB
A12	VSP+	---	TWINAX4	34	B12	VSP+
A13	VSP-	---	TWINAX4	34	B13	VSP-
A14	GROUND	----	TWINAX4	34	B14	GROUND
A15	PERp2	<---	TWINAX5	34	B15	PETp2
A16	PERn2	<---	TWINAX5	34	B16	PETn2
A17	GROUND	----	TWINAX5	34	B17	GROUND
A18	PERp3	<---	TWINAX6	34	B18	PETp3
A19	PERn3	<---	TWINAX6	34	B19	PETn3
A20	GROUND	----	TWINAX6	34	B20	GROUND
A21	A21	<-->	DISCRETE	30	B21	B21
B1	B1	<-->	DISCRETE	30	A1	A1
B2	GROUND	----	TWINAX7	34	A2	GROUND
B3	PETp0	---	TWINAX7	34	A3	PERp0
B4	PETn0	---	TWINAX7	34	A4	PERn0
B5	GROUND	----	TWINAX8	34	A5	GROUND
B6	PETp1	---	TWINAX8	34	A6	PERp1
B7	PETn1	---	TWINAX8	34	A7	PERn1
B8	GROUND	----	TWINAX9	34	A8	GROUND
B9	2-WIRE CLOCK	<-->	TWINAX9	34	A9	2-WIRE CLOCK
B10	2-WIRE DATA	<-->	TWINAX9	34	A10	2-WIRE DATA
B11	GROUND	<-->	DISCRETE	34 (BLK)	A11	GROUND/SB
B12	PERST#	<-->	TWINAX10	34	A12	PERST#
B13	CPRSNT#	<-->	TWINAX10	34	A13	CPRSNT#
B14	GROUND	----	TWINAX10	34	A14	GROUND
B15	PETp2	---	TWINAX11	34	A15	PERp2
B16	PETn2	---	TWINAX11	34	A16	PERn2
B17	GROUND	----	TWINAX11	34	A17	GROUND
B18	PETp3	---	TWINAX12	34	A18	PERp3
B19	PETn3	---	TWINAX12	34	A19	PERn3
B20	GROUND	----	TWINAX12	34	A20	GROUND
B21	B21	<-->	DISCRETE	30	A21	A21



VIEW FROM MATING END OF CONNECTOR



VIEW FROM MATING END OF CONNECTOR

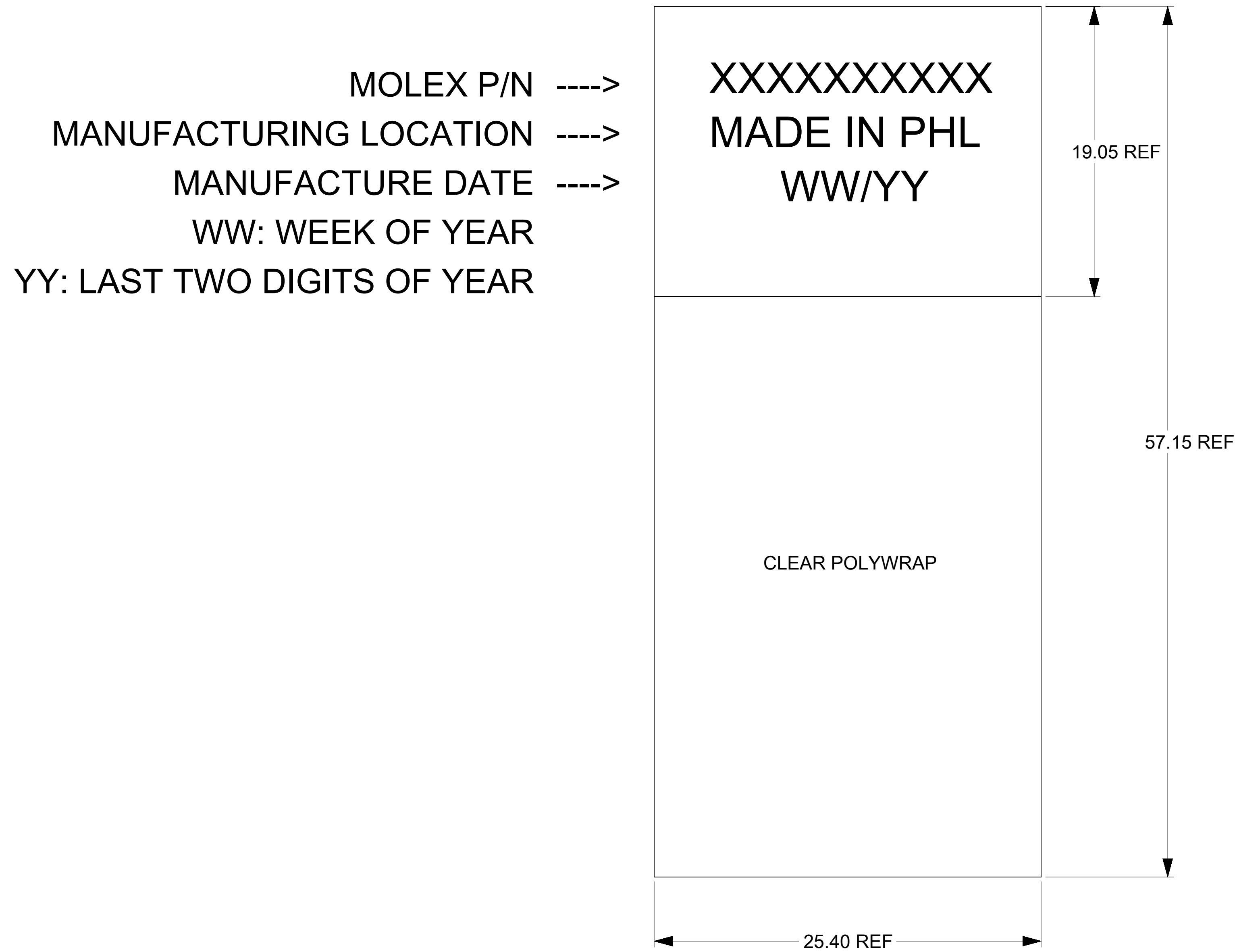
LEGEND

- = THRU LINE
- > = TRANSMIT TO RECEIVE ON HIGH SPEED LINE
- <--> = SIDEBAND
- NC = NOT CONNECTED

NOTE: CONNECTION DETERMINED BY PIN #. DESCRIPTION FOR REFERENCE ONLY.

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	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °		DRWN BY: JWALLACE01 DATE: 2016/08/30		PRODUCT CUSTOMER DRAWING		
	4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±		CHKD BY: MSTRACK DATE: 2016/09/15		NPIO 4X W/SB RAD TO STRAIGHT		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR BY: JCDEMPSEY DATE: 2016/09/23		SERIES: 202492 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET		
EC NO: 117596 DRWN: JWALLACE01 CHKD: MSTRACK REV: APPR: JALEXANDER		D		THIRDS ANGLE PROJECTION		DOCUMENT NUMBER: 2024921000 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 2 OF 3	

LABEL DETAIL



QUALITY SYMBOLS F = 0 E = 0 D = 0 C = 0 B = 0 A = 0 0 = 0 0 = 0 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	EC NO: 117596 DRWN: JWALLACE01 CHKD: MSTRACK REV APPR: JALEXANDER	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
		ANGULAR TOL ± °		MM	NTS						
		4 PLACES ±		DRWN BY	DATE						
		3 PLACES ±		JWALLACE01	2016/08/30						
		2 PLACES ±		CHKD BY	DATE						
	1 PLACE ±		MSTRACK	2016/09/15							
	0 PLACES ±		APPR BY	DATE							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JCDEMPSEY	2016/09/23	PRODUCT CUSTOMER DRAWING						
			DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER				
		D		202492	SEE P/N TABLE	GENERAL MARKET					
					DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER			
					2024921000	PSD	000	3 OF 3			