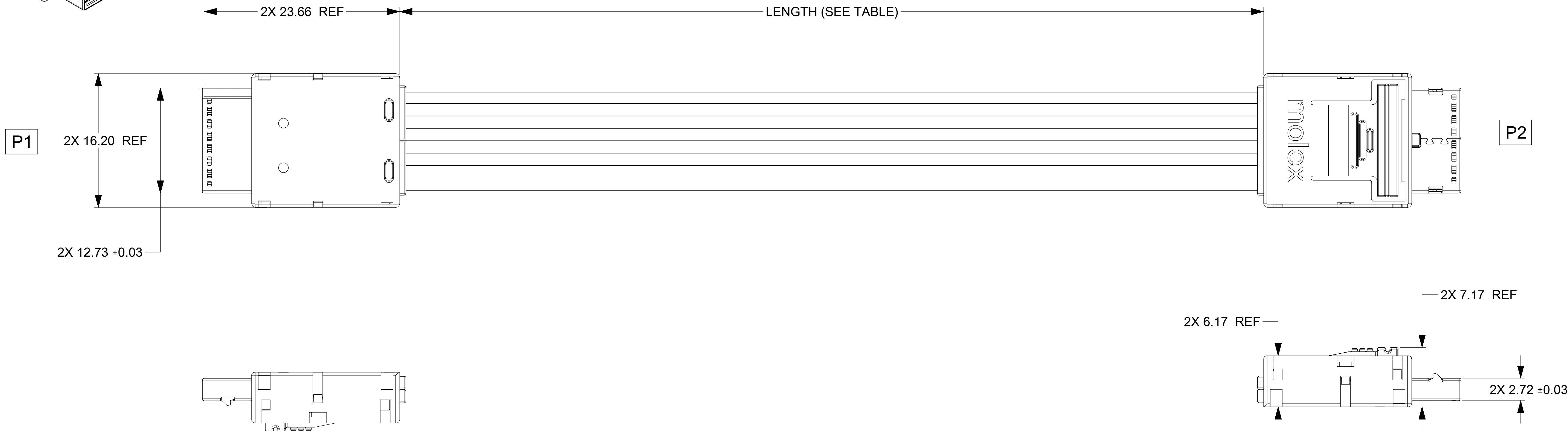
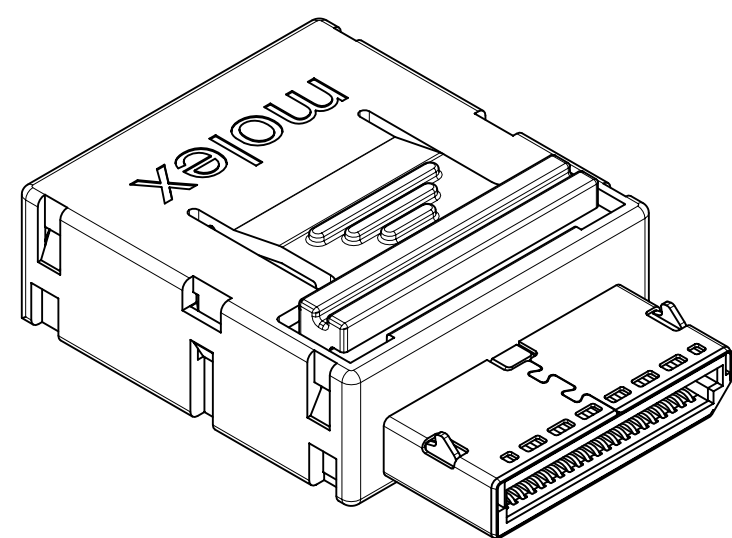




MOLEX DONOR CABLE P/N	LENGTH	TOLERANCE	TWINAX CABLE		MECHANICAL SPECIFICATION	ELECTRICAL SPECIFICATION	NOTES (DONOR CABLE FOR MOLEX FG P/N)
			IMPEDANCE	AWG			
2060618012	1125MM	±10mm	85 Ohms	32	SFF-8611	PCI EXPRESS OCuLink SPECIFICATION REV 1.0	2116127105

NOTES:

1. MATERIALS:

BACKSHELLS - GLASS FILLED LCP, UL94-V0
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

2. PLUG MATES TO RIGHT - ANGLE RECEPTACLE SERIES 171982 AND VERTICAL RECEPTACLE SERIES 171983

3. RoHS COMPLIANT. NO EXEMPTIONS

4. MINIMUM GAP FROM TAPE TO BACKSHELL 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 = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 664515 DRWN: AMRUTH2021/05/20 CHK'D: SMALLESHAPPA2021/05/20 APPR: VPENG012021/05/20 INITIAL REVISION: DRWN: RTSAI032019/09/12 APPR: VPENG012019/10/08				molex					
E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)								NPIO 4X STR DONOR CABLE FOR 2116127105					
P = 0		ANGULAR TOL ± 1.0 °													
DIVISIONAL SYMBOLS		4 PLACES		±						PRODUCT CUSTOMER DRAWING					
		3 PLACES		±											
		2 PLACES		± 0.13											
		1 PLACE		± 0.25		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
		0 PLACES		±		2060618012		PSD		000		C			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		206061		SEE P/N TABLE		GENERAL MARKET		1 OF 3	

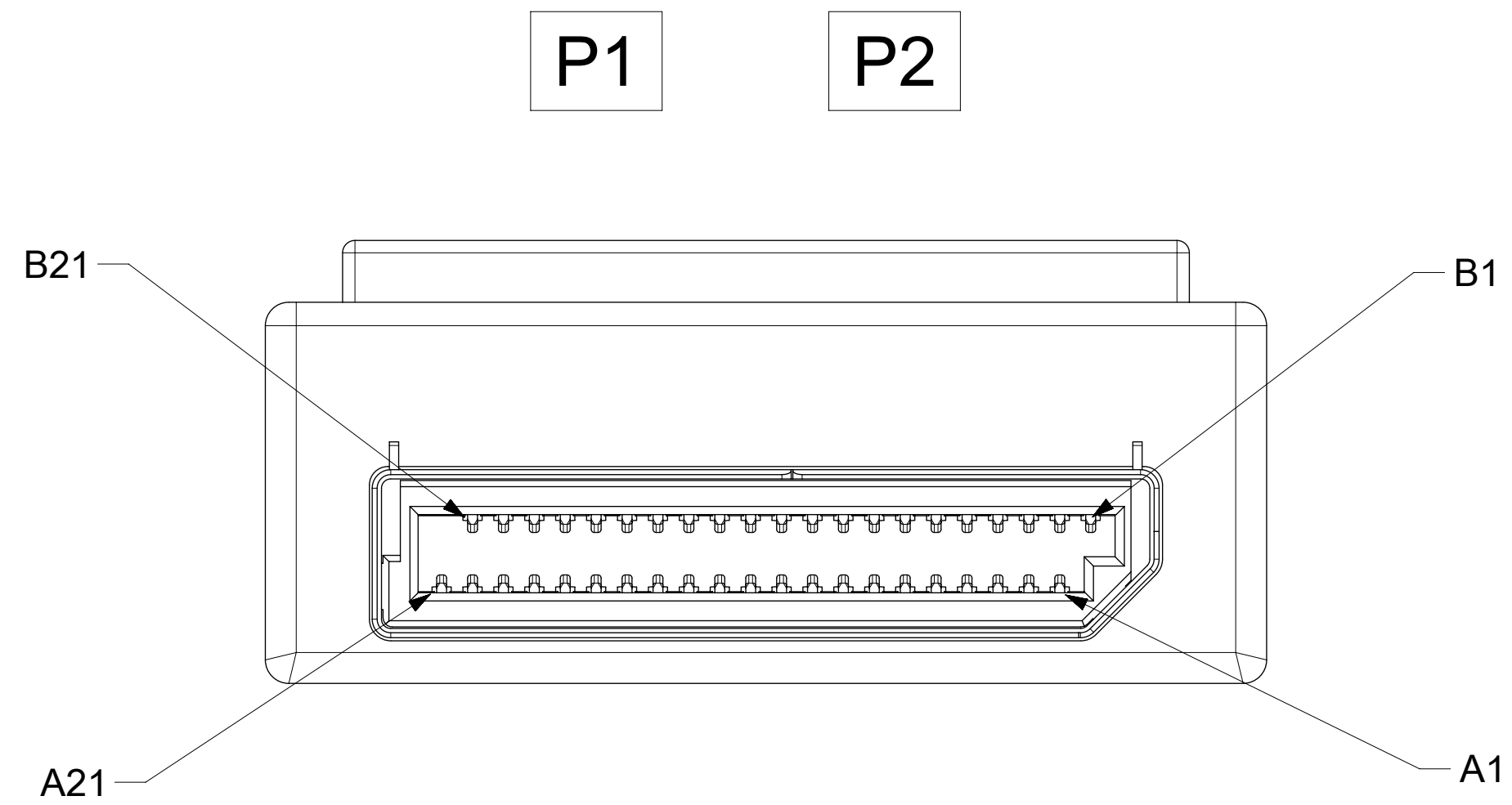
DOCUMENT STATUS	P1	RELEASE DATE	2021/05/20	09:53:40
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PINOUT TABLE

P1		SIGNALTYPE	WIRE ID	P2	
NC	A1	NC	NO WIRE	B1	NC
GND	A2	---	TWINAX1	B2	GND
RX0+	A3	←	TWINAX1	B3	TX0+
RX0-	A4	←	TWINAX1	B4	TX0-
GND	A5	---	TWINAX2	B5	GND
RX1+	A6	←	TWINAX2	B6	TX1+
RX1-	A7	←	TWINAX2	B7	TX1-
GND	A8	---	TWINAX3	B8	GND
SB	A9	↔	TWINAX3	B9	SB
SB	A10	↔	TWINAX3	B10	SB
SB	A11	NC	NO WIRE	B11	SB
SB	A12	↔	TWINAX4	B12	SB
SB	A13	↔	TWINAX4	B13	SB
GND	A14	---	TWINAX4	B14	GND
RX2+	A15	←	TWINAX5	B15	TX2+
RX2-	A16	←	TWINAX5	B16	TX2-
GND	A17	---	TWINAX5	B17	GND
RX3+	A18	←	TWINAX6	B18	TX3+
RX3-	A19	←	TWINAX6	B19	TX3-
GND	A20	---	TWINAX6	B20	GND
NC	A21	NC	NO WIRE	B21	NC
NC	B1	NC	NO WIRE	A1	NC
GND	B2	---	TWINAX7	A2	GND
TX0+	B3	→	TWINAX7	A3	RX0+
TX0-	B4	→	TWINAX7	A4	RX0-
GND	B5	---	TWINAX8	A5	GND
TX1+	B6	→	TWINAX8	A6	RX1+
TX1-	B7	→	TWINAX8	A7	RX1-
GND	B8	---	TWINAX9	A8	GND
SB	B9	↔	TWINAX9	A9	SB
SB	B10	↔	TWINAX9	A10	SB
SB	B11	NC	NO WIRE	A11	SB
SB	B12	↔	TWINAX10	A12	SB
SB	B13	↔	TWINAX10	A13	SB
GND	B14	---	TWINAX10	A14	GND
TX2+	B15	→	TWINAX11	A15	RX2+
TX2-	B16	→	TWINAX11	A16	RX2-
GND	B17	---	TWINAX11	A17	GND
TX3+	B18	→	TWINAX12	A18	RX3+
TX3-	B19	→	TWINAX12	A19	RX3-
GND	B20	---	TWINAX12	A20	GND
NC	B21	NC	NO WIRE	A21	NC

_____ = DISCRETE SINGLE WIRE
 _____> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
 - - - - - = GND
 <-----> = SIDEBAND
 NC = NOT CONNECT

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



VIEW FROM MATING END OF CONNECTOR

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 NPIO 4X STR DONOR CABLE FOR 2116127105							
	mm		10:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 664515 DRWN: AMRUTH 2021/05/20 CHK'D: SMALLESAPPA 2021/05/20 APPR: VPENG01 2021/05/20 INITIAL REVISION: DRWN: RTSAI03 2019/09/12 APPR: VPENG01 2019/10/08				PRODUCT CUSTOMER DRAWING									
ANGULAR TOL ± 1.0°																
4 PLACES ±		DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION					
3 PLACES ±		2060618012					PSD		000		C					
DIVISIONAL SYMBOLS	2 PLACES ± 0.13		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	1 PLACE ± 0.25															
	0 PLACES ±															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
				D-SIZE		206061		SEE P/N TABLE		GENERAL MARKET		2 OF 3				

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/20	09:53:40
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