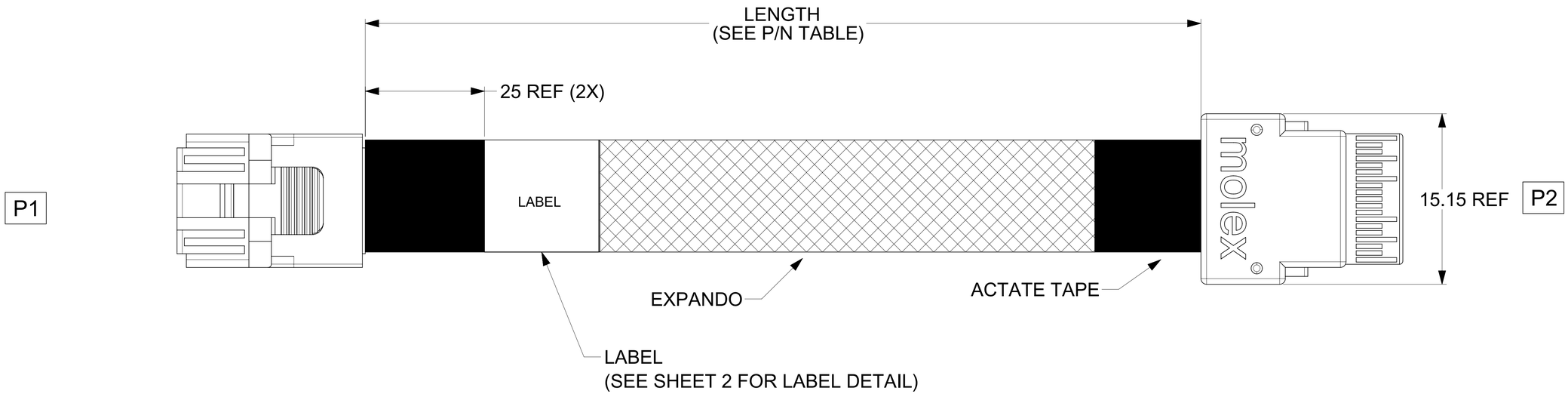
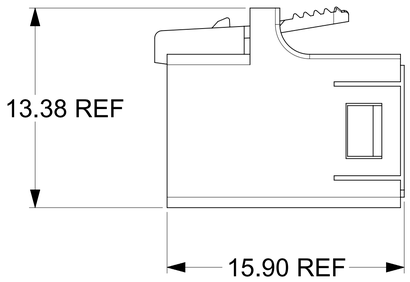
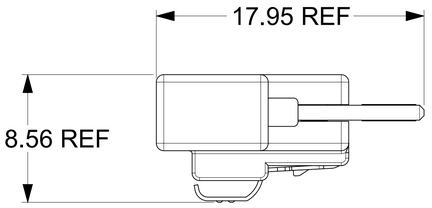






MOLEX P/N	LENGTH	TOLERANCE (mm)	AWG	IMPEDANCE	EE SPEC
2073681102	810mm	±10	32	100 OHMS	SAS 3.0

NOTES:
1. MATERIAL:
   HOUSING - MINISAS HD: 30% GLASS FILLED NYLON, UL94-V0
   SLIMSAS: PC 94V-0 BLACK
   LATCH - MINISAS HD: MOLDED INTO HOUSING
   SLIMSAS: STAINLESS STEEL
   EXPANDO - PET
   CABLE - TWIN-AX SHIELD: ALUMNINIZED POLYESTER FOIL
   - SIGNAL PAIR : SILVER-COATED COPPER
   - DRAIN: TIN-COATED COPPER
   - CONFORMS TO VW1
   PCB - FR4 (HALOGEN FREE)
2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8654 AND SFF-8643
3. RoHS COMPLIANT. NO EXEMPTIONS

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/16 10:52:59

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FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FE = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm; SCALE: 5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	± 0.2
2 PLACES	± 0.3
1 PLACE	± 0.4
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 651563
DRWN: SHOU 2020/12/16
CHK'D: VPENG01 2020/12/16
APPR: VPENG01 2020/12/16

INITIAL REVISION:
DRWN: YYEH 2019/08/30
APPR: VPENG01 2020/12/16

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 207368 | MATERIAL NUMBER: SEE P/N TABLE | CUSTOMER

molex

4X SLIMSAS STR TO 4X HD STR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2073681102	PSD	000	A

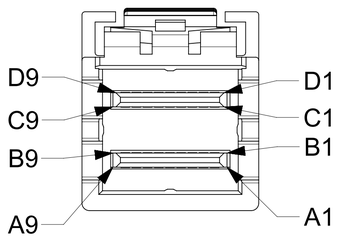
SHEET NUMBER: 1 OF 3

PINOUT DIAGRAM

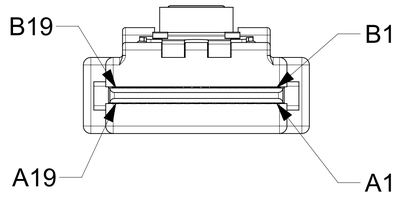
P1		SIGNAL TYPE	P2	
GND	B3	———	B1	GND
RX0+	B4	<———	B2	TX0+
RX0-	B5	<———	B3	TX0-
GND	B6/A3	———	B4	GND
RX1+	A4	<———	B5	TX1+
RX1-	A5	<———	B6	TX1-
GND	A6	———	B7	GND
SB	A1	<———>	B8	SB
SB	B1	<———>	B9	SB
SB			B10	SB
SB	C1	<———>	B11	SB
SB	D1	<———>	B12	SB
GND	B6	———	B13	GND
RX2+	B7	<———	B14	TX2+
RX2-	B8	<———	B15	TX2-
GND	B9/A6	———	B16	GND
RX3+	A7	<———	B17	TX3+
RX3-	A8	<———	B18	TX3-
GND	A9	———	B19	GND
GND	D3	———	A1	GND
TX0+	D4	———>	A2	RX0+
TX0-	D5	———>	A3	RX0-
GND	D6/C3	———	A4	GND
TX1+	C4	———>	A5	RX1+
TX1-	C5	———>	A6	RX1-
GND	C6	———	A7	GND
SB	A2	<———>	A8	SB
SB	B2	<———>	A9	SB
SB			A10	SB
SB	C2	<———>	A11	SB
SB	D2	<———>	A12	SB
GND	D6	———	A13	GND
TX2+	D7	———>	A14	RX2+
TX2-	D8	———>	A15	RX2-
GND	D9/C6	———	A16	GND
TX3+	C7	———>	A17	RX3+
TX3-	C8	———>	A18	RX3-
GND	C9	———	A19	GND

———> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
——— = GND
<———> = SIDEBAND
NOTE: ALL SIGNAL GROUND ARE BUSSED IN PCB.

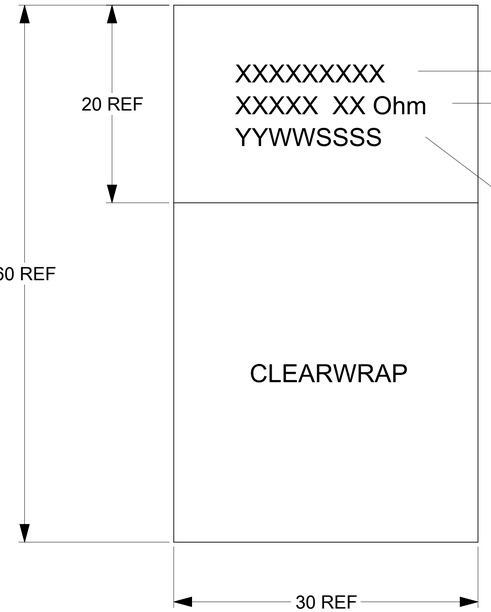
P1



P2



LABEL DETAIL



DOCUMENT STATUS	P1	RELEASE DATE	2020/12/16 10:52:59

FUNCTIONAL SYMBOLS
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FC = 0
FP = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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2 PLACES	±	0.3
1 PLACE	±	0.4
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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APPR: VPENG01 2020/12/16

INITIAL REVISION:
DRWN: YYEH 2019/08/30
APPR: VPENG01 2020/12/16

molex

4X SLIMSAS STR TO 4X HD STR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2073681102	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	207368	SEE P/N TABLE		2 OF 3

REVISION HISTORY			
DATE	REV	DESCRIPTION	ENGINEER
2019/08/15	1	INITIAL RELEASE	ADAM YEH
2019/09/19	2	SHEET 1: CHANGE THE AWG FROM 34 TO 32 ON P/N TABLE	ADAM YEH
2019/09/27	3	SHEET 2: UPDATED THE PIN OUT	ADAM YEH
2020/12/16	4	SHEET 1: UPDATE NOTE	SAMUEL HOU

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0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

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INITIAL REVISION:
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APPR: VPENG01 2020/12/16

molex

4X SLIMSAS STR TO 4X HD STR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2073681102	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	207368	SEE P/N TABLE		3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/16 10:52:59