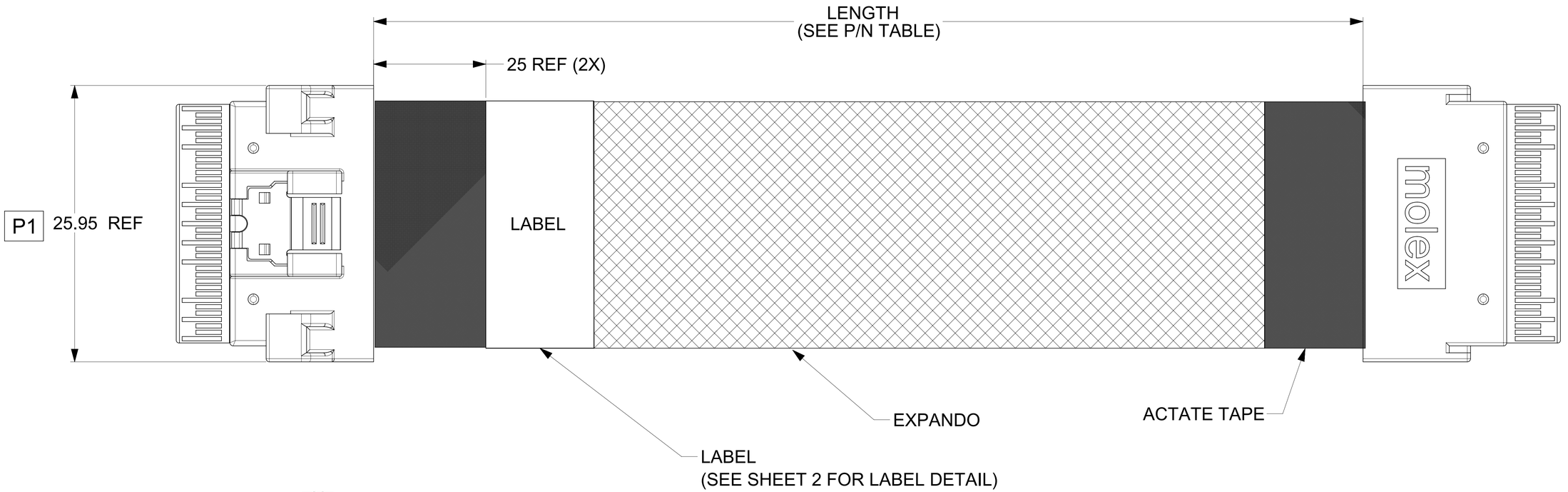
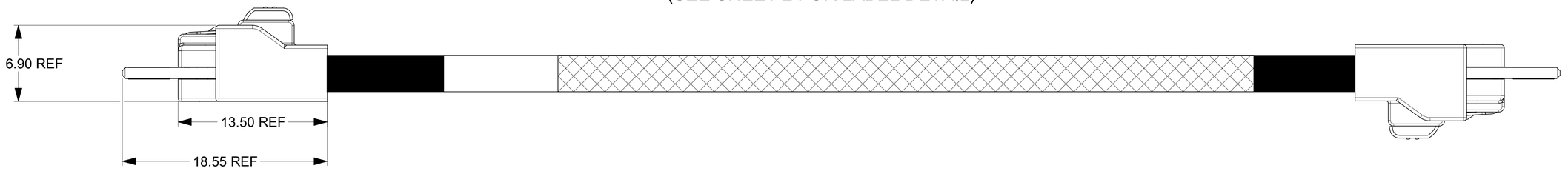




MOLEX P/N	LENGTH	TOLERANCE (mm)	AWG	IMPEDANCE	EE SPEC	LABEL CONTEXT
2079901000	152mm	±10	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2079901001	300mm	±10	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2079901003	500mm	±10	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2079901002	1000mm	±15	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2079901300	152mm	±10	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2079901301	300mm	±10	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2079901302	1000mm	±15	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2079921001	300mm	±10	32	85 OHMS	PCIe 4.0	PCIe4.0 85 Ohm
2079921003	500mm	±10	32	85 OHMS	PCIe 4.0	PCIe4.0 85 Ohm
2079921002	1000mm	±15	32	85 OHMS	PCIe 4.0	PCIe4.0 85 Ohm

NOTES:
1. MATERIAL:
   HOUSING - PC 94V-0 BLACK
   LATCH - STAINLESS STEEL
   EXPANDO - PET
   CABLE - 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
3. RoHS COMPLIANT. NO EXEMPTIONS

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DIMENSION UNITS	SCALE
mm	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: 606695
DRWN: LOU01 2018/09/04
CHK'D: VPENG01 2018/10/29
APPR: VPENG01 2018/10/29

INITIAL REVISION:
DRWN: LOU01 2018/06/28
APPR: VPENG01 2018/08/13

molex

SLIMSAS 8X STR TO STR CABLE ASSY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2079901000	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	207990	SEE P/N TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/29 08:39:23

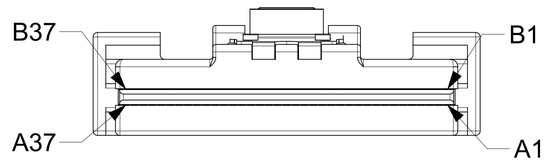
PINOUT DIAGRAM

P1		SIGNAL TYPE	P2	
GND	A1	———	B1	GND
RX0+	A2	<———	B2	TX0+
RX0-	A3	<———	B3	TX0-
GND	A4	———	B4	GND
RX1+	A5	<———	B5	TX1+
RX1-	A6	<———	B6	TX1-
GND	A7	———	B7	GND
SB	A8	<———>	B8	SB
SB	A9	<———>	B9	SB
SB	A10	<———>	B10	SB
SB	A11	<———>	B11	SB
SB	A12	<———>	B12	SB
GND	A13	———	B13	GND
RX2+	A14	<———	B14	TX2+
RX2-	A15	<———	B15	TX2-
GND	A16	———	B16	GND
RX3+	A17	<———	B17	TX3+
RX3-	A18	<———	B18	TX3-
GND	A19	———	B19	GND
RX4+	A20	<———	B20	TX4+
RX4-	A21	<———	B21	TX4-
GND	A22	———	B22	GND
RX5+	A23	<———	B23	TX5+
RX5-	A24	<———	B24	TX5-
GND	A25	———	B25	GND
SB	A26	<———>	B26	SB
SB	A27	<———>	B27	SB
SB	A28	<———>	B28	SB
SB	A29	<———>	B29	SB
SB	A30	<———>	B30	SB
GND	A31	———	B31	GND
RX6+	A32	<———	B32	TX6+
RX6-	A33	<———	B33	TX6-
GND	A34	———	B34	GND
RX7+	A35	<———	B35	TX7+
RX7-	A36	<———	B36	TX7-
GND	A37	———	B37	GND

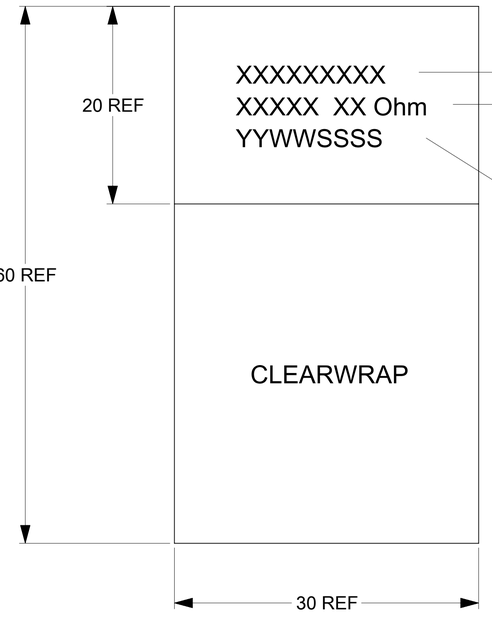
P1		SIGNAL TYPE	P2	
GND	B1	———	A1	GND
TX0+	B2	———>	A2	RX0+
TX0-	B3	———>	A3	RX0-
GND	B4	———	A4	GND
TX1+	B5	———>	A5	RX1+
TX1-	B6	———>	A6	RX1-
GND	B7	———	A7	GND
SB	B8	<———>	A8	SB
SB	B9	<———>	A9	SB
SB	B10	<———>	A10	SB
SB	B11	<———>	A11	SB
SB	B12	<———>	A12	SB
GND	B13	———	A13	GND
TX2+	B14	———>	A14	RX2+
TX2-	B15	———>	A15	RX2-
GND	B16	———	A16	GND
TX3+	B17	———>	A17	RX3+
TX3-	B18	———>	A18	RX3-
GND	B19	———	A19	GND
TX4+	B20	———>	A20	RX4+
TX4-	B21	———>	A21	RX4-
GND	B22	———	A22	GND
TX5+	B23	———>	A23	RX5+
TX5-	B24	———>	A24	RX5-
GND	B25	———	A25	GND
SB	B26	<———>	A26	SB
SB	B27	<———>	A27	SB
SB	B28	<———>	A28	SB
SB	B29	<———>	A29	SB
SB	B30	<———>	A30	SB
GND	B31	———	A31	GND
TX6+	B32	———>	A32	RX6+
TX6-	B33	———>	A33	RX6-
GND	B34	———	A34	GND
TX7+	B35	———>	A35	RX7+
TX7-	B36	———>	A36	RX7-
GND	B37	———	A37	GND

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

P1 P2



LABEL DETAIL



XXXXXXXXX — MOLEX P/N
XXXXX XX Ohm — EE SPEC IMPEDANCE
(SEE "LABEL CONTEXT" ON P/N TABLE)
YYWWSSSS

YY - LAST TWO DIGITS OF THE YEAR
WW - WEEK OF THE YEAR
SSSS - PRODUCTION BATCH OF THE WEEK

FONT: ARIAL
HEIGHT: 2mm Min.

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mm	1:1

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THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 207990

molex

SLIMSAS 8X STR TO STR CABLE ASSY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2079901000	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/29 08:39:23