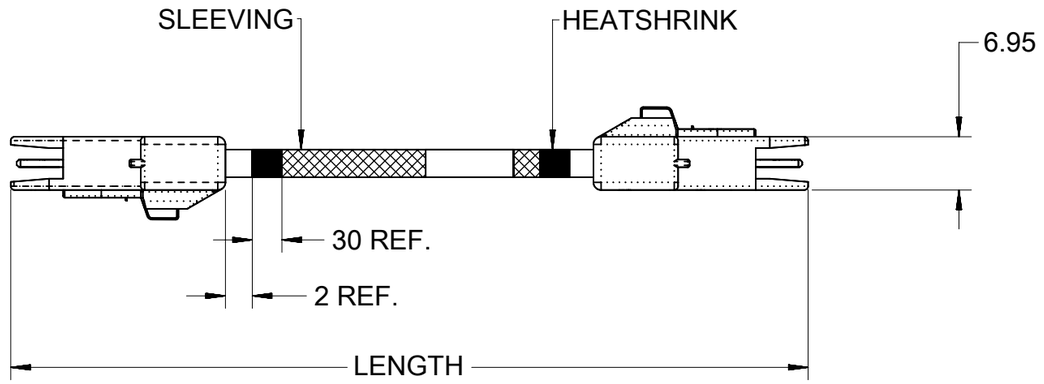
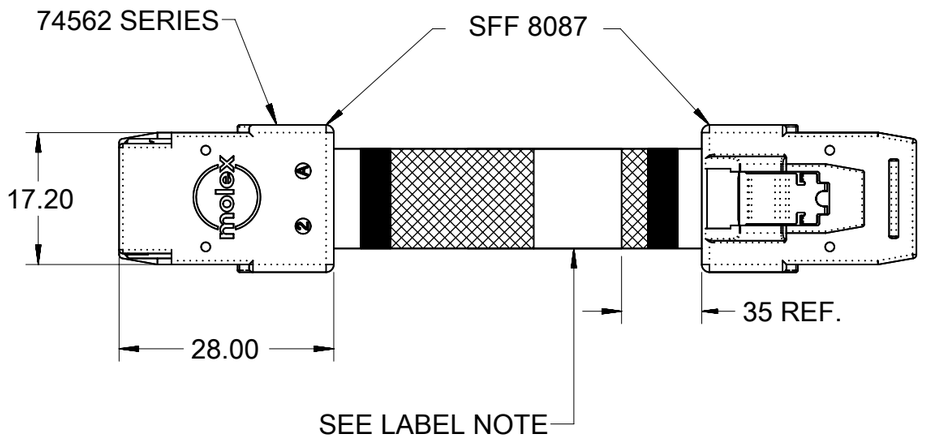
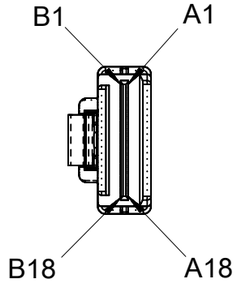
MOLEX P/N	SIDEBANDS	APPLICATION	SLEEVING	AWG	LENGTH(M)	TOL(+/-)	PIN OUT
795762100	YES	Ctrl to BP	YES	30	0.152	0.015	PIN OUT 1
795762102	YES	Ctrl to BP	YES	30	0.5	0.015	PIN OUT 1
795762103	YES	Ctrl to BP	YES	30	0.6	0.015	PIN OUT 1
795762107	YES	Ctrl TO BP	YES	30	0.225	0.015	PIN OUT 1
795762110	YES	Ctrl to CTRL	YES	30	0.152	0.015	PIN OUT 2
795762111	YES	Ctrl to CTRL	YES	30	0.3	0.015	PIN OUT 2
795762112	YES	Ctrl to CTRL	YES	30	0.5	0.015	PIN OUT 2
795762121	NO	N/A	YES	30	0.3	0.015	PIN OUT 3
795762122	NO	N/A	YES	30	0.5	0.015	PIN OUT 3
795762141	NO	N/A	YES	28	1.1	0.01	PIN OUT 3
795762142	NO	N/A	YES	28	2.1	0.01	PIN OUT 3
795762012	YES	Ctrl to CTRL	NO	30	0.5	0.015	PIN OUT 2







ONLY TOP CONNECTOR SHOWN FOR CLARITY

NOTES:

1. MATERIAL:
   - OVER MOLD - POLYBUTYLENE TEREPHTHALATE (PBT), 94-V0, GLASS FILLED 30%.
   - LATCH - STAINLESS STEEL ALLOY.
   - CABLE -
     - SIGNALS PVC INSULATION
     - SOLID COPPER SIGNALAND DRAIN.
     - INNER DIELECTRIC IS POLYOLEFIN
     - TWIN-AX SHIELD IS ALUMINIZED POLYESTER FOIL.
     - JACKET - PVC RED
   - PCB - FR4
2. PRODUCT TO PERFORM PER PRODUCT SPECIFICATION: PS-75783-001.
3. PRODUCT MATES TO 75783 (RIGHT ANGLE) AND 75784 (VERTICAL) SERIES.
4. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING AND ELECTRICAL PERFORMANCE REQUIREMEMTS OF SFF-8087.
5. MINIMUM RECOMMENDED BEND RADIUS 28 MM.
6. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
7. LABEL INFO.
   - MOLEX
   - <<PART NUMBER>>
   - MADE IN XXXX (XXXX: MANUFACTURING LOCATION: US/ CHINA/ PHILIPPINES)
   - WW/YY

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DIMENSION UNITS	SCALE
MM/IN	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NO

EC NO: 628455

DRWN:	VLOKESHA	2019/12/03
CHK'D:	GB	2019/12/04
APPR:	GGA	2020/01/13

INITIAL REVISION:

DRWN:	JERWIN	2006/04/25
APPR:	DDOYE	2006/04/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 79576

molex

IPASS (MINI-SAS)
INTERNAL CABLE 36 CKT 4X W/ SIDEBANDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-79576-200	PSD	001	P1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/13 17:13:51

FORMAT: Mel-Jas-mailer-tb-prod-A3
REVISION: D
DATE: 2018/01/15

CONTROLLER			BACKPLANE		
GROUND	B18	→	A18	GROUND	
TX3-	B17	→	A17	RX3-	
TX3+	B16	→	A16	RX3+	
GROUND	B15	→	A15	GROUND	
TX2-	B14	→	A14	RX2-	
TX2+	B13	→	A13	RX2+	
GROUND	B12	→	A12	GROUND	
SIDEBAND 6	B11	⇢⇠	A11	SIDEBAND 6	
SIDEBAND 2	B10	⇢⇠	A10	SIDEBAND 2	
SIDEBAND 1	B9	⇢⇠	A9	SIDEBAND 1	
SIDEBAND 0	B8	⇢⇠	A8	SIDEBAND 0	
GROUND	B7	→	A7	GROUND	
TX1-	B6	→	A6	RX1-	
TX1+	B5	→	A5	RX1+	
GROUND	B4	→	A4	GROUND	
TX0-	B3	→	A3	RX0-	
TX0+	B2	→	A2	RX0+	
GROUND	B1	→	A1	GROUND	
GROUND	A18	→	B18	GROUND	
RX3-	A17	←	B17	TX3-	
RX3+	A16	←	B16	TX3+	
GROUND	A15	→	B15	GROUND	
RX2-	A14	←	B14	TX2-	
RX2+	A13	←	B13	TX2+	
GROUND	A12	→	B12	GROUND	
SIDEBAND 5	A11	⇢⇠	B11	SIDEBAND 5	
SIDEBAND 4	A10	⇢⇠	B10	SIDEBAND 4	
SIDEBAND 3	A9	⇢⇠	B9	SIDEBAND 3	
SIDEBAND 7	A8	⇢⇠	B8	SIDEBAND 7	
GROUND	A7	→	B7	GROUND	
RX1-	A6	←	B6	TX1-	
RX1+	A5	←	B5	TX1+	
GROUND	A4	→	B4	GROUND	
RX0-	A3	←	B3	TX0-	
RX0+	A2	←	B2	TX0+	
GROUND	A1	→	B1	GROUND	

PIN OUT 1

NOTE:

1. PINOUT CONFORMS TO SAS 1.1 9.OD SECTION 5.2.4.1.2.3
2. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

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DIMENSION UNITS	SCALE
MM/IN	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NO

EC NO: 628455

DRWN: VLOKESHA 2019/12/03

CHK'D: GB 2019/12/04

APPR: GGA 2020/01/13

INITIAL REVISION:

DRWN: JERWIN 2006/04/25

APPR: DDOYE 2006/04/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 79576

molex

IPASS (MINI-SAS)
INTERNAL CABLE 36 CKT 4X W/ SIDEBANDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-79576-200	PSD	001	P1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/13 17:13:51

FORMAT: Molex-Letter-lb-prod-A3
REVISION: D
DATE: 2018/01/15

CONTROLLER					CONTROLLER
	GROUND	B18	A18	GROUND	
	TX3-	B17	A17	RX3-	
	TX3+	B16	A16	RX3+	
	GROUND	B15	A15	GROUND	
	TX2-	B14	A14	RX2-	
	TX2+	B13	A13	RX2+	
	GROUND	B12	A12	GROUND	
	SIDEBAND 6	B11	A8	SIDEBAND 0	
	SIDEBAND 2	B10	A9	SIDEBAND 1	
	SIDEBAND 1	B9	A10	SIDEBAND 2	
	SIDEBAND 0	B8	A11	SIDEBAND 6	
	GROUND	B7	A7	GROUND	
	TX1-	B6	A6	RX1-	
	TX1+	B5	A5	RX1+	
	GROUND	B4	A4	GROUND	
	TX0-	B3	A3	RX0-	
	TX0+	B2	A2	RX0+	
	GROUND	B1	A1	GROUND	
	GROUND	A18	B18	GROUND	
	RX3-	A17	B17	TX3-	
	RX3+	A16	B16	TX3+	
	GROUND	A15	B15	GROUND	
	RX2-	A14	B14	TX2-	
	RX2+	A13	B13	TX2+	
	GROUND	A12	B12	GROUND	
	SIDEBAND 5	A11	B8	SIDEBAND 7	
	SIDEBAND 4	A10	B9	SIDEBAND 3	
	SIDEBAND 3	A9	B10	SIDEBAND 4	
	SIDEBAND 7	A8	B11	SIDEBAND 5	
	GROUND	A7	B7	GROUND	
	RX1-	A6	B6	TX1-	
	RX1+	A5	B5	TX1+	
	GROUND	A4	B4	GROUND	
	RX0-	A3	B3	TX0-	
	RX0+	A2	B2	TX0+	
	GROUND	A1	B1	GROUND	

PIN OUT 2

NOTE

1. FOR CONTROLLER TO CONTROLLER.
2. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

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DIMENSION UNITS	SCALE
MM/IN	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NO

EC NO:	628455	
DRWN:	VLOKESHA	2019/12/03
CHK'D:	GB	2019/12/04
APPR:	GGA	2020/01/13

INITIAL REVISION:

DRWN:	JERWIN	2006/04/25
APPR:	DDOYE	2006/04/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 79576

molex

IPASS (MINI-SAS)
INTERNAL CABLE 36 CKT 4X W/ SIDEBANDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-79576-200	PSD	001	P1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/13 17:13:51

FORMAT: Molex_Landscape-tb-prod-A3
REVISION: D
DATE: 2018/01/16

GROUND	B18	→	A18	GROUND
TX3-	B17	→	A17	RX3-
TX3+	B16	→	A16	RX3+
GROUND	B15	→	A15	GROUND
TX2-	B14	→	A14	RX2-
TX2+	B13	→	A13	RX2+
GROUND	B12	→	A12	GROUND
GROUND	B7	→	A7	GROUND
TX1-	B6	→	A6	RX1-
TX1+	B5	→	A5	RX1+
GROUND	B4	→	A4	GROUND
TX0-	B3	→	A3	RX0-
TX0+	B2	→	A2	RX0+
GROUND	B1	→	A1	GROUND
GROUND	A18	←	B18	GROUND
RX3-	A17	←	B17	TX3-
RX3+	A16	←	B16	TX3+
GROUND	A15	←	B15	GROUND
RX2-	A14	←	B14	TX2-
RX2+	A13	←	B13	TX2+
GROUND	A12	←	B12	GROUND
GROUND	A7	←	B7	GROUND
RX1-	A6	←	B6	TX1-
RX1+	A5	←	B5	TX1+
GROUND	A4	←	B4	GROUND
RX0-	A3	←	B3	TX0-
RX0+	A2	←	B2	TX0+
GROUND	A1	←	B1	GROUND

PIN OUT

3

NOTE

1. FOR NO SIDE BANDS
2. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

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DIMENSION UNITS: MM/IN	SCALE: NTS	CURRENT REV DESC: OBSOLETED PART NO	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)	MM / INCH	EC NO: 628455	IPASS (MINI-SAS) INTERNAL CABLE 36 CKT 4X W/ SIDEBANDS
4 PLACES	± / ±	DRWN: VLOKESHA 2019/12/03	PRODUCT CUSTOMER DRAWING
3 PLACES	± / ± 0.01	CHK'D: GB 2019/12/04	DOCUMENT NUMBER: SD-79576-200 | DOC TYPE: PSD | DOC PART: 001 | REVISION: P1
2 PLACES	± 0.25 / ±	APPR: GGA 2020/01/13	
1 PLACE	± / ±	INITIAL REVISION:	
0 PLACES	± / ±	DRWN: JERWIN 2006/04/25	
ANGULAR TOL	± 1.0 °	APPR: DDOYE 2006/04/25	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE | SERIES: 79576	MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/13 17:13:51

FORMAT: Molex-letter-lb-prod-A3
REVISION: D
DATE: 2018/01/15