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79576

MOLEX P/N	APPLICATION	AWG	LENGTH(M)	TOL (+/-)	PINOUT
795765000	IPASS ON BP	30	0.152	0.015	PINOUT 1
795765001	IPASS ON BP	30	0.3	0.015	
795765002	IPASS ON BP	30	0.5	0.015	
795765003	IPASS ON BP	30	0.6	0.015	
795765004	IPASS ON BP	28	1	0.030	
795769000	IPASS ON CTRL	30	0.152	0.015	PINOUT 2
795769001	IPASS ON CTRL	30	0.3	0.015	
795769002	IPASS ON CTRL	30	0.5	0.015	
795769003	IPASS ON CTRL	30	0.6	0.015	
795769004	IPASS ON CTRL	28	1	0.030	
795765020	NO SIDE BANDS	30	0.152	0.015	PINOUT 3
795765021	NO SIDE BANDS	30	0.3	0.015	
795765022	NO SIDE BANDS	30	0.5	0.015	
795765023	NO SIDE BANDS	30	0.6	0.015	
795765024	NO SIDE BANDS	28	1	0.030	

NOTES:

1. MATERIAL:

OVER MOLD - POLYBUTYLENE TEREPHTHALATE (PBT). 94-V0.
GLASS FILLED 30%

LATCH - STAINLESS STEEL ALLOY.

CABLE -

SIGNALS PVC INSULATION

SOLID COPPER SIGNAL AND 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-79536-001.

3. PRODUCT SERIES 74562 MATES TO 75783 (RIGHT ANGLE),

75794 (VERTICAL) AND 47077 (SFF 8484) SERIES MATES TO
87861 SERIES.

4. THIS PRODUCT CONFORMS TO THE MECHANICAL

DIMENSIONING AND ELECTRICAL

PERFORMANCE REQUIREMENTS OF

SFF-8086, SFF-8087 AND SFF-8484.

5. MINIMUM RECOMMENDED BEND RADIUS 28 MM.

6. PRODUCT IS RoHS COMPLIANT.

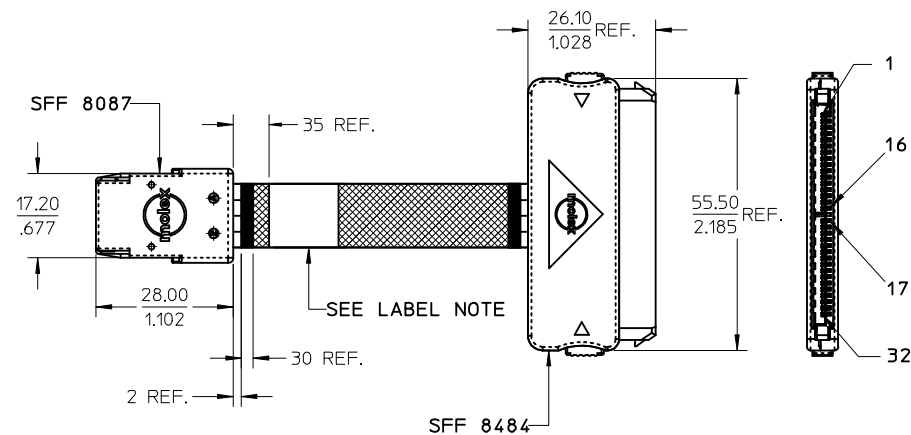
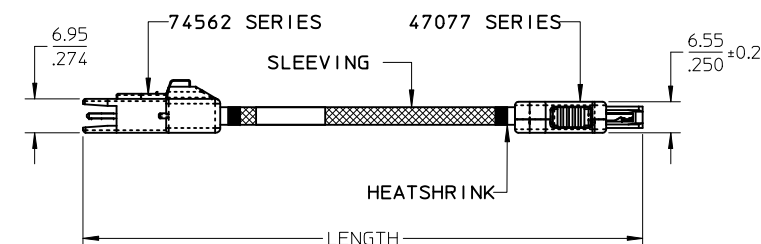
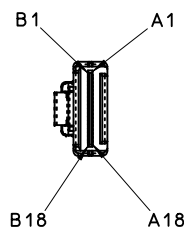
7. LABEL INFO.

MOLEX

<<PART NUMBER>>

MADE IN CHINA

WW/YY



IPASS™ IS A TRADEMARK OF MOLEX

REMOVED P/N EC NO: USY2009-0590 DRAWN: JERWIN 2009/06/29 CHKD: BSCHOESTER 2009/07/06 APPR: DDOYE 2009/07/06 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
			MM/IN		1:1	METRIC				
					DRAWN BY		DATE		TITLE	
					JERWIN		2005/11/22		IPASS (MINI-SAS)	
					CHECKED BY		DATE		INTERNAL CABLE ASSEMBLY	
					THALL		2006/05/19		36 CIRCUIT, 4X TO 8484	
					APPROVED BY		DATE		MOLEX MOLEX INCORPORATED	
					DDOYE		2006/05/19			
					MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE CHART		SD-79576-500		1 OF 4	
		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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PINOUT 1

C O N T R O L L E R S F F 8 4 8 4		GND	G1		B1	GND	B A C K P L A N E S F F 8 0 8 7
		RX0+	S2	◄	B2	TX0+	
		RX0-	S3	◄	B3	TX0-	
		GND	G4		A4&B4	GND	
		TX0-	S5	►	A3	RX0-	
		TX0+	S6	►	A2	RX0+	
		GND	G7		B4&A1	GND	
		RX1+	S8	◄	B5	TX1+	
		RX1-	S9	◄	B6	TX1-	
		GND	G10		A7&B7	GND	
		TX1-	S11	►	A6	RX1-	
		TX1+	S12	►	A5	RX1+	
		GND	G13		A4	GND	
		SB0	SB14	◄ - - ►	A8	SB0	
		SB1	SB15	◄ - - ►	A9	SB1	
		SB2	SB16	◄ - - ►	A10	SB2	
		SB3	SB17	◄ - - ►	B9	SB3	
		SB4	SB18	◄ - - ►	B10	SB4	
		SB5	SB19	◄ - - ►	B11	SB5	
					B8	SB7	
		GND	G20		A11	SB6	
		RX2+	S21	◄	B12	GND	
		RX2-	S22	◄	B13	TX2+	
		GND	G23		B14	TX2-	
		TX2-	S24	►	B15&A15	GND	
		TX2+	S25	►	A14	RX2-	
		GND	G26		A13	RX2+	
		RX3+	S27	◄	A12&B15	GND	
		RX3-	S28	◄	B16	TX3+	
		GND	G29		B17	TX3-	
		TX3-	S30	►	B18&A18	GND	
		TX3+	S31	►	A17	RX3-	
		GND	G32		A16	RX3+	
					A15	GND	
					B18	GND	

NOTE:

- PINOUT IS COMPLIANT TO SAS 1.1 09D
5.2.4.1.2.4 FIG 79 AND SECTION
5.2.3.2.3.3 TBL 27 AND SECTION
5.2.3.2.2.3 TBL 24
- ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

IPASS™ IS A TRADEMARK OF MOLEX

REMOVED P/N EC NO: USY2009-0590 DRWN: JERWIN 2009/06/29 CHKD: BSCHOESTER 2009/07/06 APPR: DDOYE 2009/07/06 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		 =0  =0		mm	INCH	DRAWN BY JERWIN	DATE 2005/11/22	TITLE IPASS™ (MINI-SAS) INTERNAL CABLE ASSEMBLY 36 CIRCUIT, 4X TO 8484			
	4 PLACES		± ---	± ---	CHECKED BY THALL	DATE 2006/05/19					
	3 PLACES		± ---	± .01	APPROVED BY DDOYE	DATE 2006/05/19	molex MOLEX INCORPORATED				
	2 PLACES		± 0.25	± ---	MATERIAL NO. SEE CHART						
	1 PLACE		± ---	± ---							
	ANGULAR ± 1 °										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

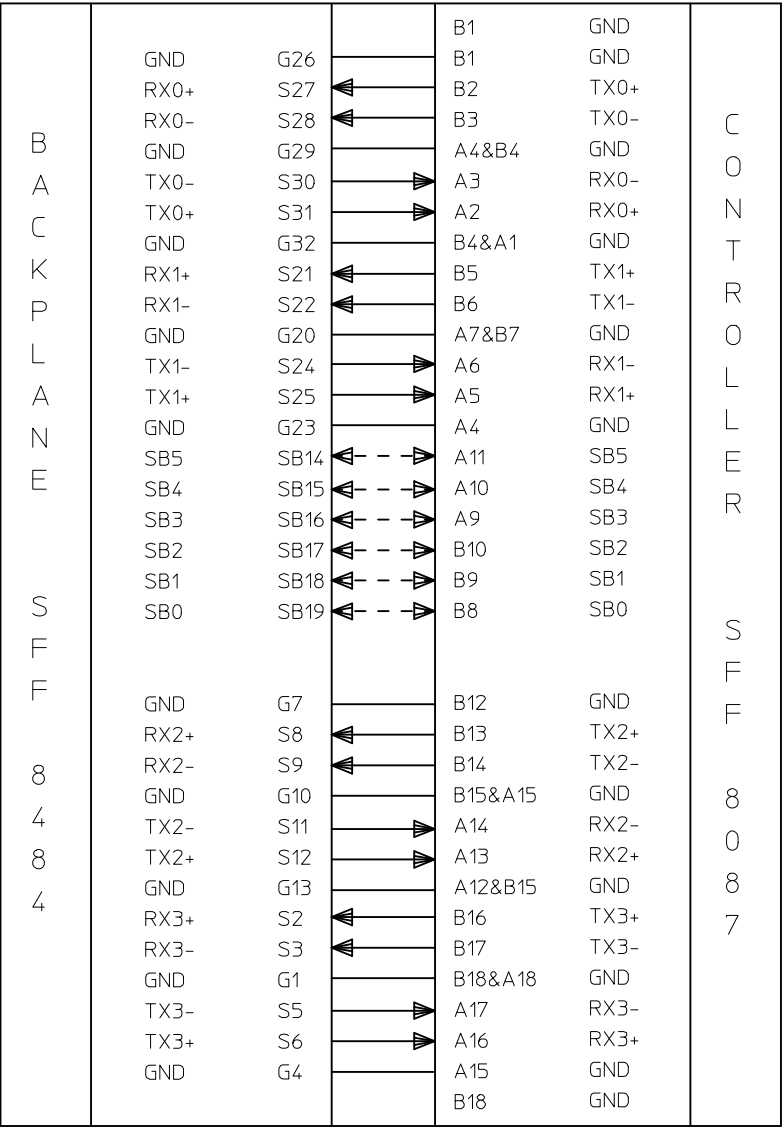
D

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PINOUT 2

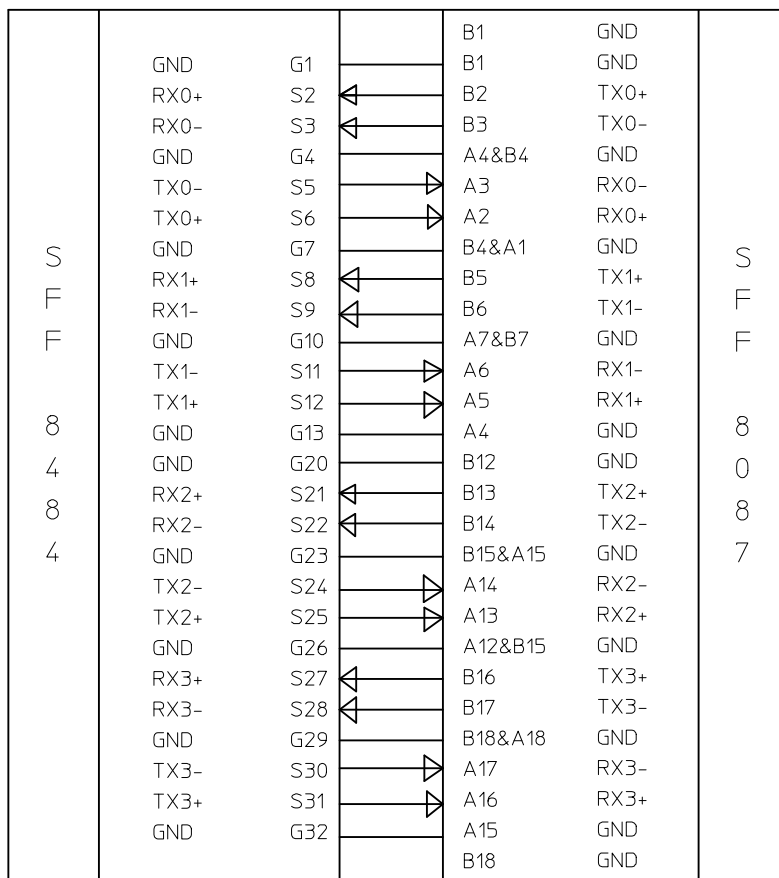


NOTE:

- 1) PINOUT IS COMPLIANT TO SAS 1.1 09D 5.2.3.2.3.3 TBL 26 AND SECTION 5.2.3.2.2.3 TBL 25
- 2) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

REMOVED P/N EC NO: USY2009-0590 DRWN: JERWIN CHKD: BSCHOESTER APPR: DDOYE 2009/07/06 N	DESCRIPTION REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JERWIN	DATE 2005/11/22	TITLE IPASS (MINI-SAS) INTERNAL CABLE ASSEMBLY 36 CIRCUIT, 4X TO 8484				
			4 PLACES	± ---	± ---	CHECKED BY THALL	DATE 2006/05/19					
			3 PLACES	± ---	± .01	APPROVED BY DDOYE	DATE 2006/05/19	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART						
			1 PLACE	± ---	± ---	SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ± 1 °									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

PINOUT 3



NOTE :

- 1) NO SIDEBANDS
- 2) PINOUT IS COMPLIANT TO SAS 1.1 09D
5 . 2 . 4 . 1 . 2 . 4 FIG 79
- 3) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

REMOVED P/N EC NO: USY2009-0590 DRWN: JERWIN CHKD: BSCHOESTER APPR: DDOYE 2009/07/06	DESCRIPTION	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY JERWIN	DATE 2005/11/22	TITLE IPASS (MINI-SAS) INTERNAL CABLE ASSEMBLY 36 CIRCUIT, 4X TO 8484		
			4 PLACES	± ---	± ---	CHECKED BY THALL	DATE 2006/05/19			
			3 PLACES	± ---	± .01	APPROVED BY DDOYE	DATE 2006/05/19	MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-79576-500	SHEET NO. 4 OF 4
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART				
			1 PLACE	± ---	± ---					
			ANGULAR ± 1 °							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					