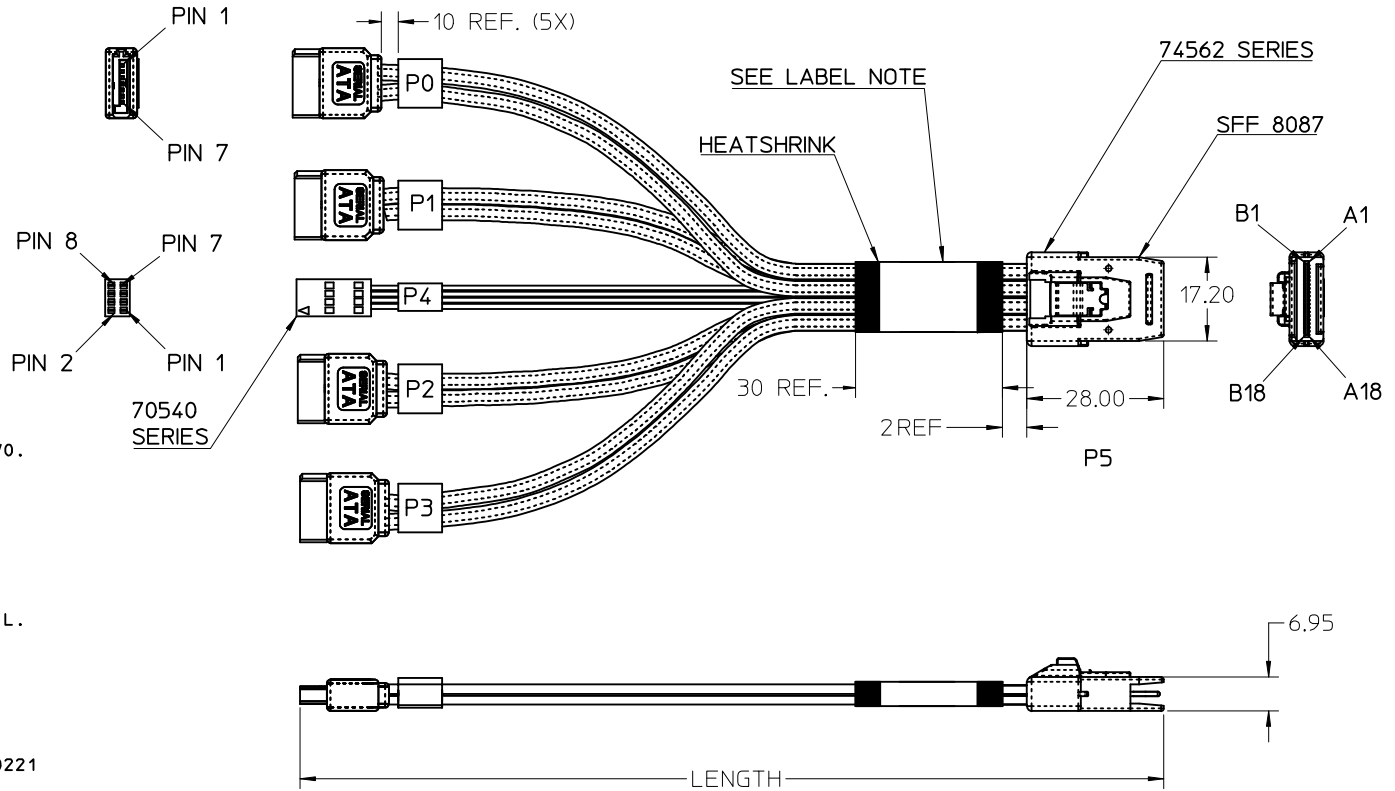


MATERIAL #	APP	PIN OUT	AWG	LENGTH(M)	TOL (+/-)
79536-3011	IPASS ON BP	PIN OUT 1	30	0.152	0.015
79536-3012	IPASS ON BP	PIN OUT 1	30	0.3	0.015
79536-3013	IPASS ON BP	PIN OUT 1	30	0.5	0.015
79536-3014	IPASS ON BP	PIN OUT 1	30	0.6	0.015
79536-3015	IPASS ON BP	PIN OUT 1	28	1	0.030
79536-3001	IPASS ON CTRL	PIN OUT 2	30	0.152	0.015
79536-3002	IPASS ON CTRL	PIN OUT 2	30	0.3	0.015
79536-3003	IPASS ON CTRL	PIN OUT 2	30	0.5	0.015
79536-3004	IPASS ON CTRL	PIN OUT 2	30	0.6	0.015
79536-3005	IPASS ON CTRL	PIN OUT 2	28	1	0.030
79536-3006	IPASS ON CTRL	PIN OUT 2	28	0.178	0.015
79536-3007	IPASS ON CTRL	PIN OUT 2	28	0.267	0.015
79536-3021	IPASS ON BP	PIN OUT 3	30	0.152	0.015
79536-3022	IPASS ON BP	PIN OUT 3	30	0.3	0.015
79536-3023	IPASS ON BP	PIN OUT 3	30	0.5	0.015
79536-3024	IPASS ON BP	PIN OUT 3	30	0.6	0.015
79536-3025	IPASS ON BP	PIN OUT 3	28	1	0.030

**NOTES**

- 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
- PRODUCT TO PERFORM PER  
 PRODUCT SPECIFICATION: PS-79536-001.
- PRODUCT SERIES 74562 MATES TO 75783 (RIGHT ANGLE),  
 75784 (VERTICAL). SERIES 70450 MATES WITH SERIES 70221
- THIS PRODUCT CONFORMS TO THE MECHANICAL  
 DIMENSIONING AND ELECTRICAL PERFORMANCE  
 REQUIREMENTS OF SFF-8086 AND SFF-8087
- MINIMUM RECOMMENDED BEND RADIUS 28MM.
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES  
 IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE  
 (2002/95/EC).
- LABEL DETAILS:**  
 MOLEX  
 79536-XXXX  
 MADE IN CHINA  
 YY/WW

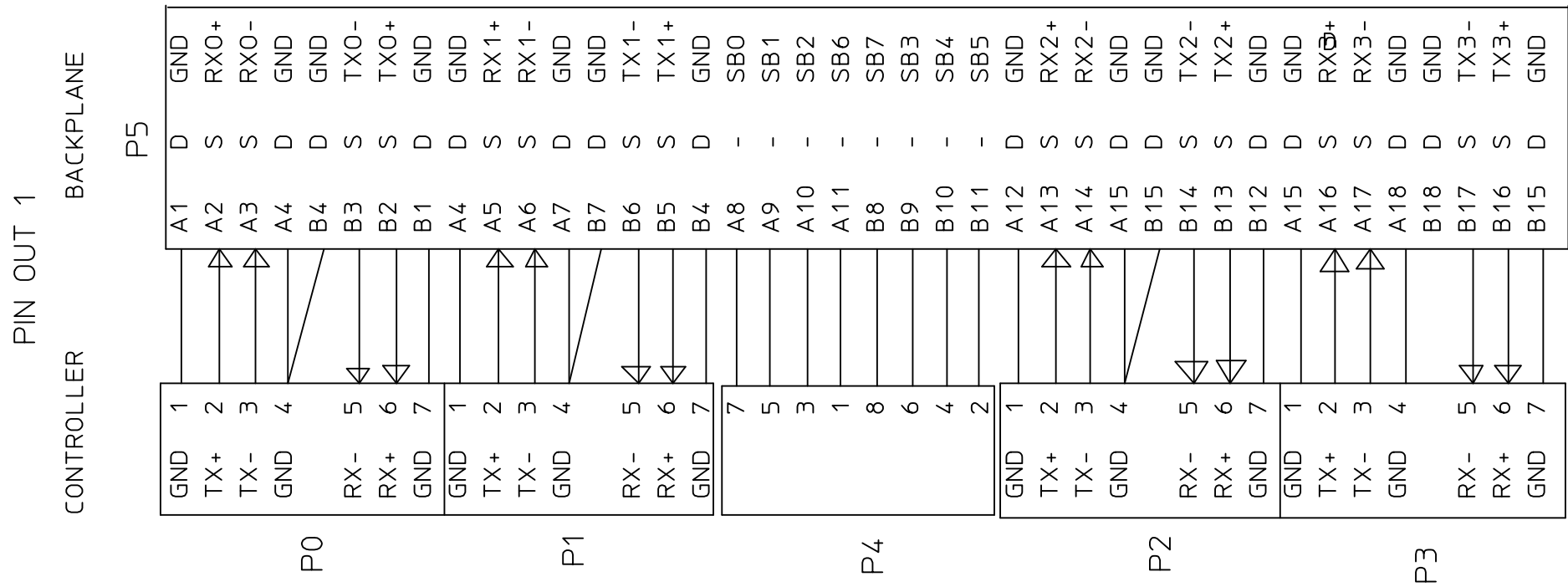


IPASS IS A TRADEMARK OF MOLEX

ENTER DESCRIPTION EC NO: USY2006-0316 DRWN: JERWIN 2006/04/04 CHKD: THALL 2006/04/10 APPR: DDOYE 2006/04/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---		DRAWN BY DATE JERWIN 2005/10/31		TITLE IPASS CABLE ASSY		MOLEX MOLEX INCORPORATED		SHEET NO. 1 OF 4	
		3 PLACES ± --- ± .01		CHECKED BY DATE THALL 2005/10/31		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-79536-300		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		2 PLACES ± 0.25 ± ---		APPROVED BY DATE DDOYE 2005/10/31		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B			

NOTE:

- PIN OUT CONFORMS TO SAS 1.1 09D SECTION 5.2.4.1.3.3 FIG 83 AND SECTION 5.2.3.2.3.3 TBL 27
- ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



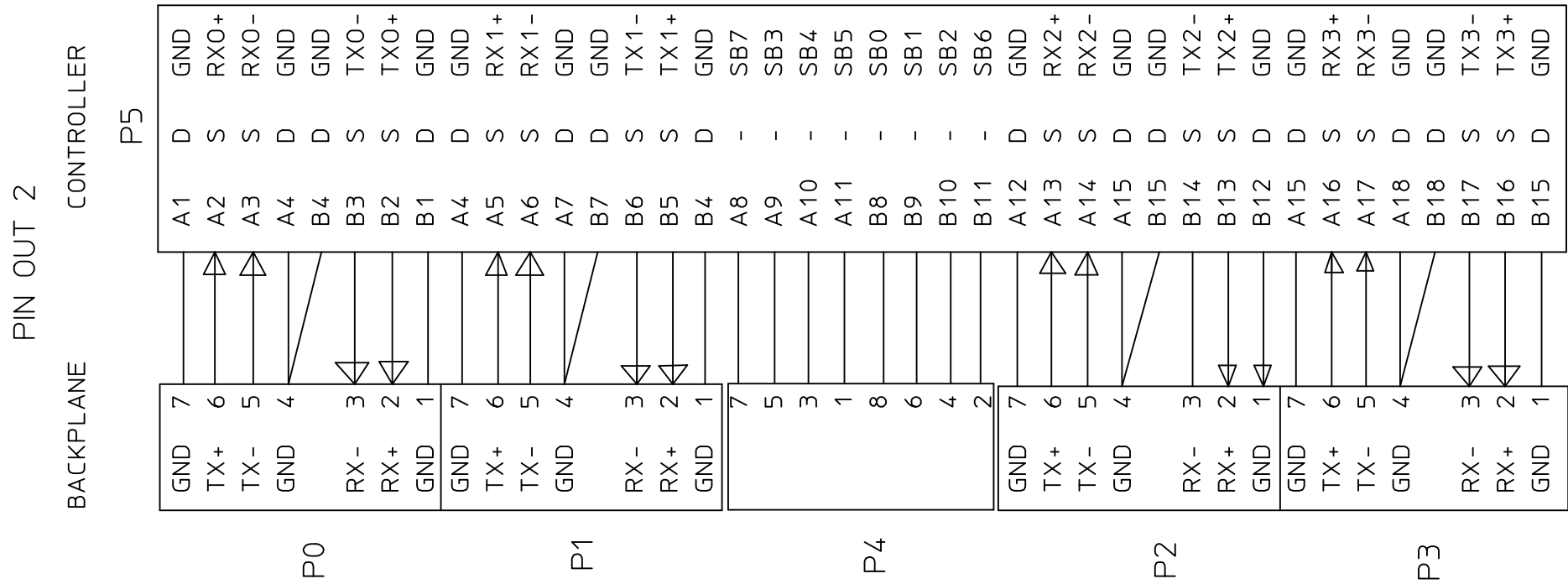
IPASS™ IS A TRADEMARK OF MOLEX

- NOTE:
- D = DRAIN WIRE
  - S = SIGNAL WIRE

<b>ENTER DESCRIPTION</b> EC NO: USY2006-0316 DRWN: JERWIN 2006/04/04 CH'KD: THALL 2006/04/10 APPR: DDOYE 2006/04/12	<b>QUALITY SYMBOLS</b> = 0 = 0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM/IN		<b>SCALE</b> 1:1	<b>DESIGN UNITS</b> METRIC	<b>THIRD ANGLE PROJECTION</b>	
		4 PLACES	± ---	± ---	DRAWN BY JERWIN	DATE 2005/10/31	<b>TITLE</b> IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS <b>MOLEX INCORPORATED</b>		
		3 PLACES	± ---	± .01	CHECKED BY THALL	DATE 2005/10/31			
		2 PLACES	± 0.25	± ---	APPROVED BY DDOYE	DATE 2005/10/31			
1 PLACE	± ---	± ---	MATERIAL NO. <b>SEE TABLE</b>		DOCUMENT NO. SD-79536-300	SHEET NO. 2 OF 4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °		SIZE 		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

NOTE:

- 1) PIN OUT CONFORMS TO SAS 1.1 09D SECTION 5.2.4.1.3.3 FIG 83 AND SECTION 5.2.3.2.3.3 TBL 26
- 2) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



IPASS IS A TRADEMARK OF MOLEX™

NOTE :

- 1) D = DRAIN WIRE
- S = SIGNAL WIRE

<b>ENTER DESCRIPTION</b> EC NO: USY2006-0316 DRWN: JERWIN 2006/04/04 CHKD: THALL 2006/04/10 APPR: DDOYE 2006/04/12	<b>QUALITY SYMBOLS</b> 	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM/IN		<b>SCALE</b> 1:1	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± ---    mm    INCH 3 PLACES ± ---    ± .01 2 PLACES ± 0.25    ± --- 1 PLACE ± ---    ± ---	DRAWN BY JERWIN	DATE 2005/10/31	<b>TITLE</b> IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS		MOLEX INCORPORATED		<b>DOCUMENT NO.</b> SD-79536-300
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>		<b>MATERIAL NO.</b> SEE CHART		<b>SIZE</b> A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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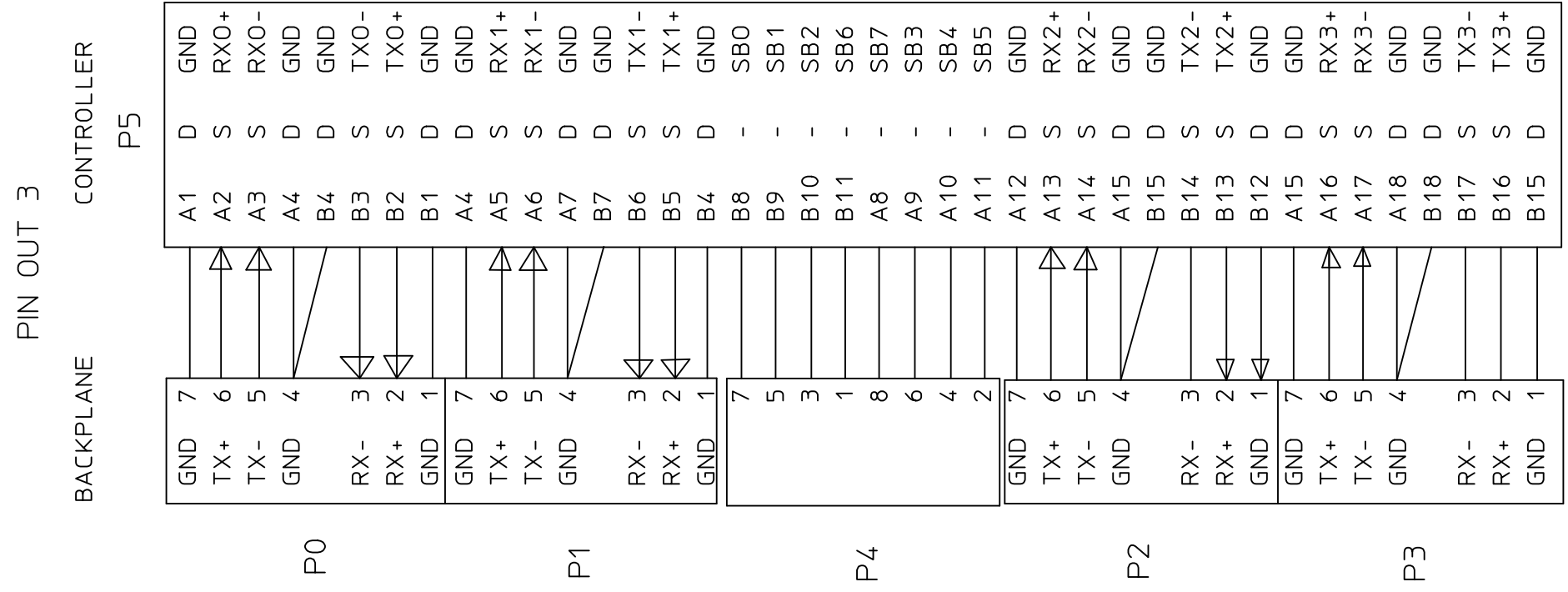
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2

1

NOTE:

- 1) NON STANDARD PIN OUT WITH SATA BACKPLANE CONNECTORS TWISTED
- 2) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



NOTE:

- 1) D = DRAIN WIRE
- S = SIGNAL WIRE

ENTER DESCRIPTION EC NO: USY2006-0316 DRWN: JERWIN CHKD: THALL APPR: DDOYE	2006/04/04
	2006/04/10
	2006/04/12
	REV

QUALITY SYMBOLS	= 0
	= 0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .01
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM/IN	
DRAWN BY JERWIN	DATE 2005/10/31
CHECKED BY THALL	DATE 2005/10/31
APPROVED BY DDOYE	DATE 2005/10/31
MATERIAL NO. SEE TABLE	
SIZE A	

IPASS™ IS A TRADEMARK OF MOLEX

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS		
MOLEX INCORPORATED		
DOCUMENT NO. SD-79536-300	SHEET NO. 4 OF 4	

5

4

3

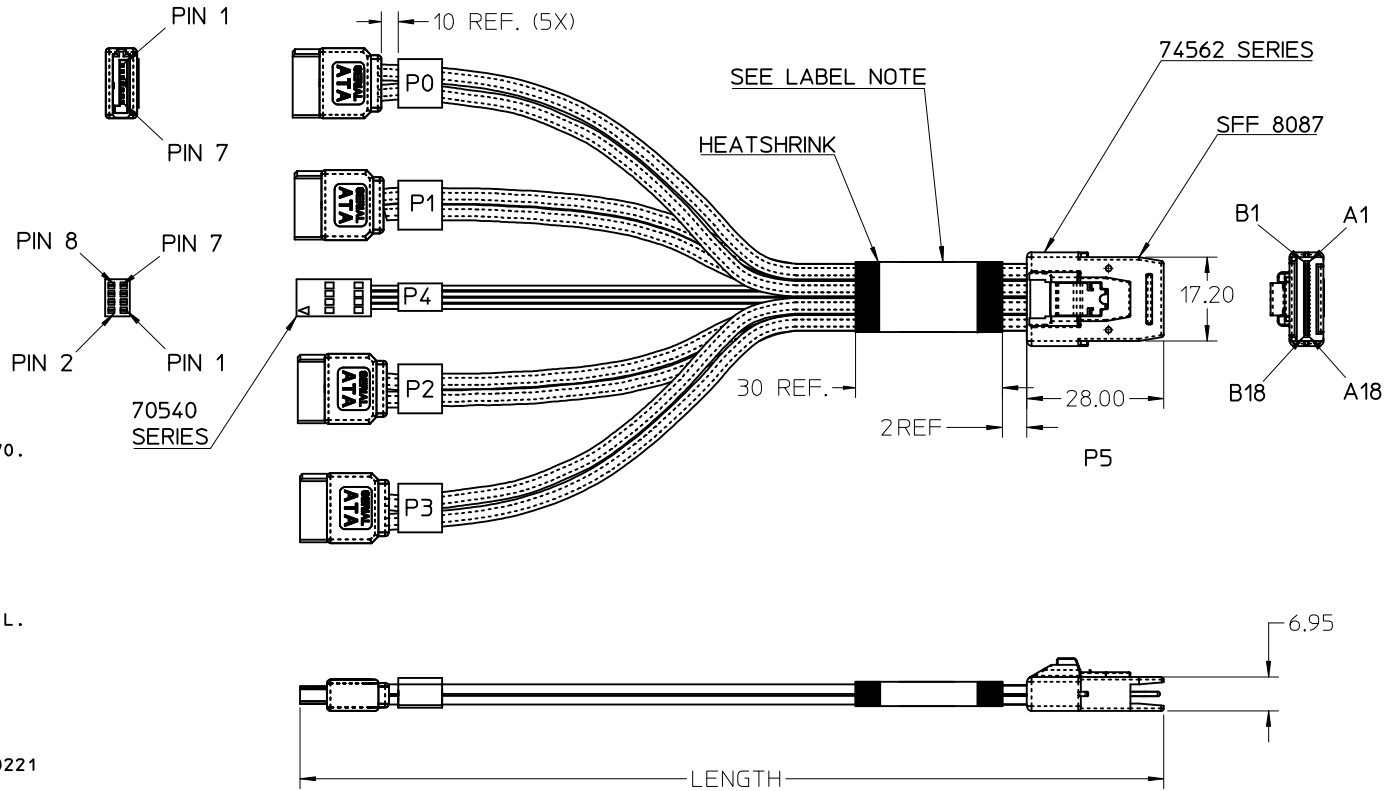
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1

MATERIAL #	APP	PIN OUT	AWG	LENGTH(M)	TOL (+/-)
79536-3011	IPASS ON BP	PIN OUT 1	30	0.152	0.015
79536-3012	IPASS ON BP	PIN OUT 1	30	0.3	0.015
79536-3013	IPASS ON BP	PIN OUT 1	30	0.5	0.015
79536-3014	IPASS ON BP	PIN OUT 1	30	0.6	0.015
79536-3015	IPASS ON BP	PIN OUT 1	28	1	0.030
79536-3001	IPASS ON CTRL	PIN OUT 2	30	0.152	0.015
79536-3002	IPASS ON CTRL	PIN OUT 2	30	0.3	0.015
79536-3003	IPASS ON CTRL	PIN OUT 2	30	0.5	0.015
79536-3004	IPASS ON CTRL	PIN OUT 2	30	0.6	0.015
79536-3005	IPASS ON CTRL	PIN OUT 2	28	1	0.030
79536-3006	IPASS ON CTRL	PIN OUT 2	28	0.178	0.015
79536-3007	IPASS ON CTRL	PIN OUT 2	28	0.267	0.015
79536-3021	IPASS ON BP	PIN OUT 3	30	0.152	0.015
79536-3022	IPASS ON BP	PIN OUT 3	30	0.3	0.015
79536-3023	IPASS ON BP	PIN OUT 3	30	0.5	0.015
79536-3024	IPASS ON BP	PIN OUT 3	30	0.6	0.015
79536-3025	IPASS ON BP	PIN OUT 3	28	1	0.030

**NOTES**

- 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
- PRODUCT TO PERFORM PER  
 PRODUCT SPECIFICATION: PS-79536-001.
- PRODUCT SERIES 74562 MATES TO 75783 (RIGHT ANGLE),  
 75784 (VERTICAL). SERIES 70450 MATES WITH SERIES 70221
- THIS PRODUCT CONFORMS TO THE MECHANICAL  
 DIMENSIONING AND ELECTRICAL PERFORMANCE  
 REQUIREMENTS OF SFF-8086 AND SFF-8087
- MINIMUM RECOMMENDED BEND RADIUS 28MM.
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES  
 IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE  
 (2002/95/EC).
- LABEL DETAILS:**  
 MOLEX  
 79536-XXXX  
 MADE IN CHINA  
 YY/WW

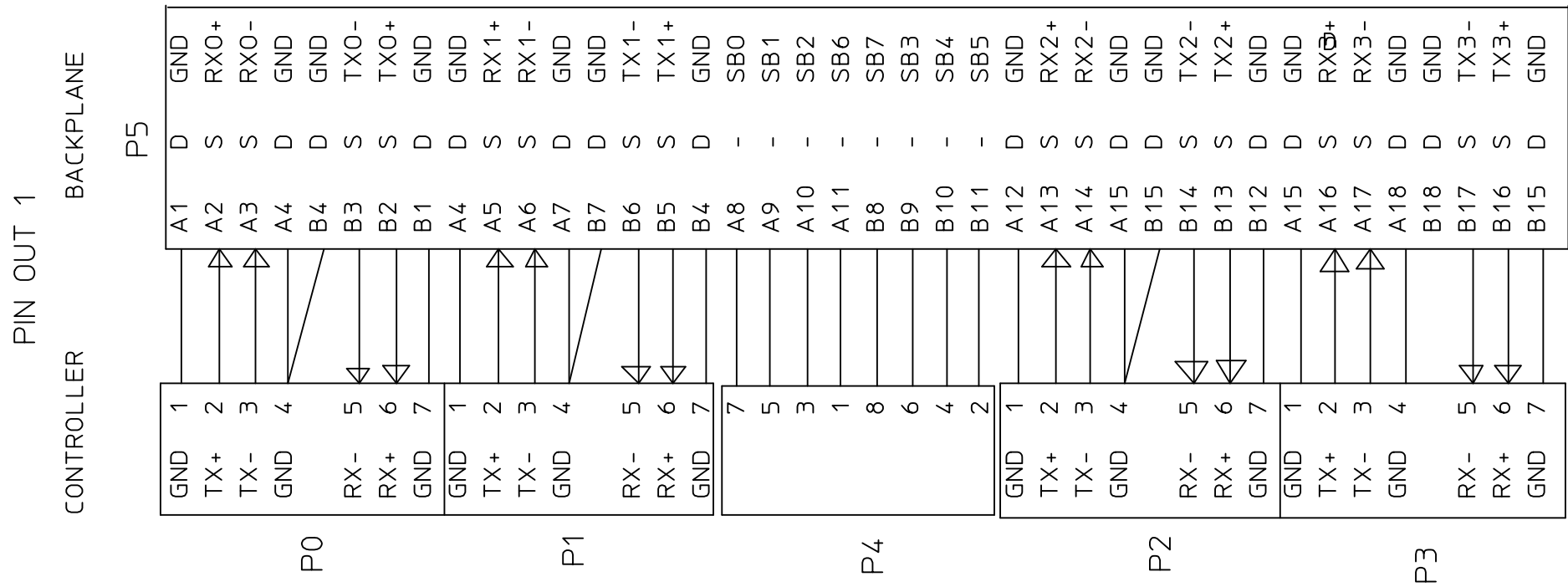


IPASS IS A TRADEMARK OF MOLEX

ENTER DESCRIPTION EC NO: USY2006-0316 DRWN: JERWIN 2006/04/04 CHKD: THALL 2006/04/10 APPR: DDOYE 2006/04/12	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	
				CHECKED BY	DATE		
		ANGULAR ± 1°		APPROVED BY	DATE	IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DDOYE	2005/10/31	MOLEX INCORPORATED	
				MATERIAL NO.	DOCUMENT NO.		SHEET NO.
				SEE TABLE	SD-79536-300		1 OF 4
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

NOTE:

- PIN OUT CONFORMS TO SAS 1.1 09D SECTION 5.2.4.1.3.3 FIG 83 AND SECTION 5.2.3.2.3.3 TBL 27
- ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



IPASS™ IS A TRADEMARK OF MOLEX

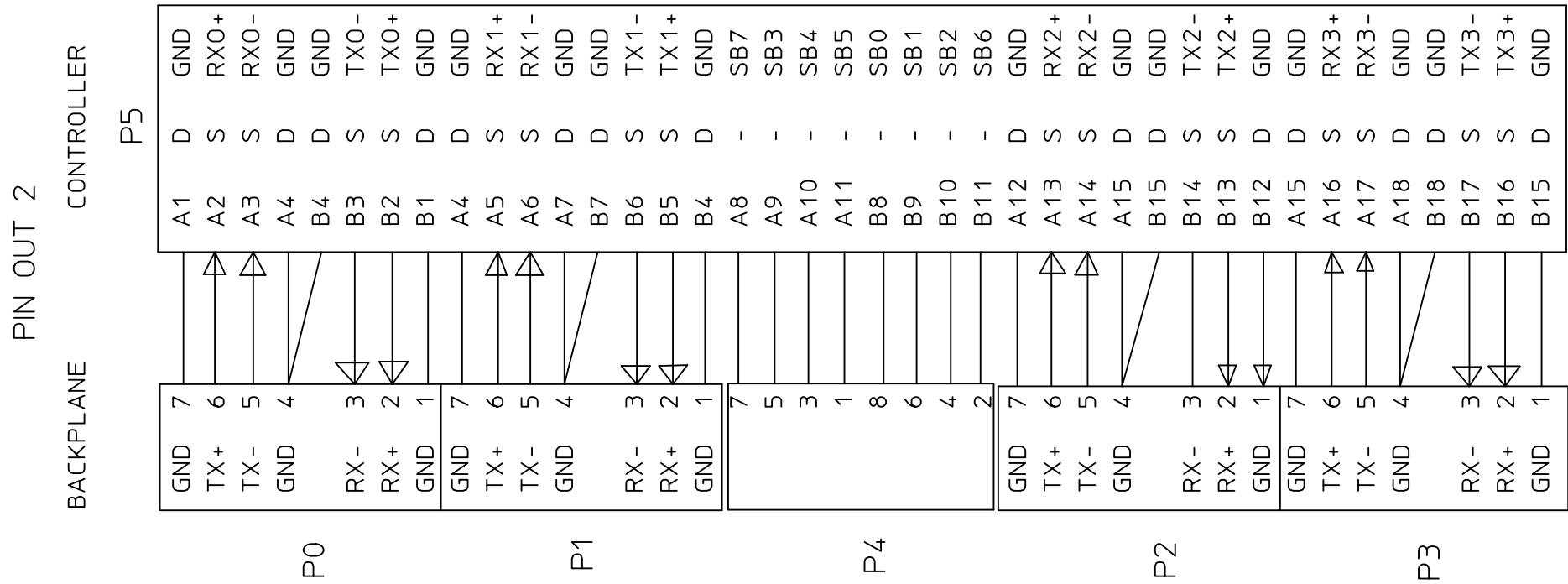
NOTE :

- D = DRAIN WIRE
- S = SIGNAL WIRE

<b>ENTER DESCRIPTION</b> EC NO: USY2006-0316 DRWN: JERWIN 2006/04/04 CH'KD: THALL 2006/04/10 APPR: DDOYE 2006/04/12	<b>QUALITY SYMBOLS</b> = 0 = 0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM/IN	<b>SCALE</b> 1:1	<b>DESIGN UNITS</b> METRIC	<b>THIRD ANGLE PROJECTION</b>
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .01 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1 °	DRAWN BY JERWIN	DATE 2005/10/31	<b>TITLE</b> IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS		
<b>REV</b> 1	<b>DESCRIPTION</b> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE		APPROVED BY DDOYE	DATE 2005/10/31	<b>MOLEX INCORPORATED</b>	
		SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DOCUMENT NO. SD-79536-300

NOTE:

- 1) PIN OUT CONFORMS TO SAS 1.1 09D SECTION 5.2.4.1.3.3 FIG 83 AND SECTION 5.2.3.2.3.3 TBL 26
- 2) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



IPASS IS A TRADEMARK OF MOLEX™

NOTE :

- 1) D = DRAIN WIRE
- S = SIGNAL WIRE

<b>ENTER DESCRIPTION</b> EC NO: USY2006-0316 DRWN: JERWIN 2006/04/04 CHKD: THALL 2006/04/10 APPR: DDOYE 2006/04/12	<b>QUALITY SYMBOLS</b> 	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> <b>MM/IN</b>		<b>SCALE</b> <b>1:1</b>	<b>DESIGN UNITS</b> <b>METRIC</b>	<b>THIRD ANGLE PROJECTION</b>
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .01 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---	mm INCH	DRAWN BY JERWIN	DATE 2005/10/31	<b>TITLE</b> <b>IPASS CABLE ASSY</b> <b>36 CKT TO SATA STYLE 1X</b> <b>FANOUT WITH SIDEBANDS</b>		
<b>REV</b> 1	<b>DESCRIPTION</b> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 1 °		CHECKED BY THALL	DATE 2005/10/31	<b>MOLEX INCORPORATED</b>		
		<b>MATERIAL NO.</b> <b>SEE CHART</b>		APPROVED BY DDOYE	DATE 2005/10/31	<b>DOCUMENT NO.</b> <b>SD-79536-300</b>	<b>SHEET NO.</b> <b>3 OF 4</b>	

6

5

4

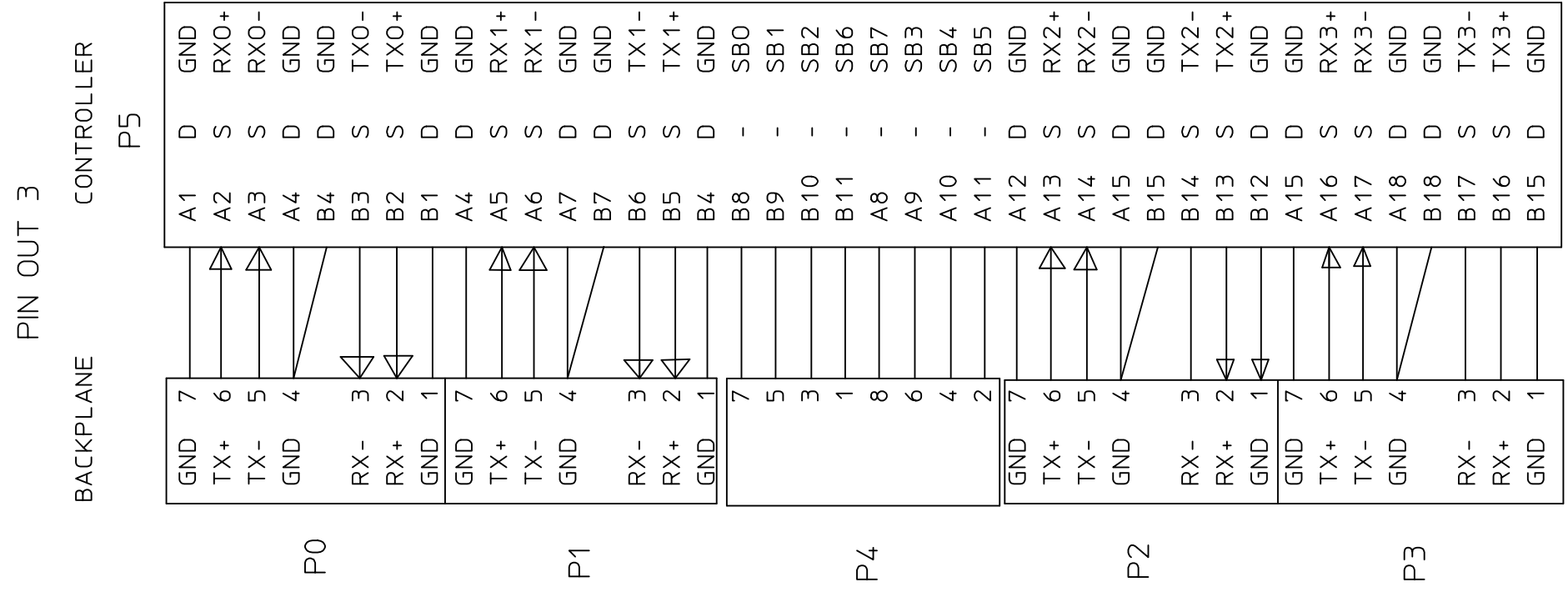
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2

1

NOTE:

- 1) NON STANDARD PIN OUT WITH SATA BACKPLANE CONNECTORS TWISTED
- 2) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



NOTE:

- 1) D = DRAIN WIRE
- S = SIGNAL WIRE

ENTER DESCRIPTION	QUALITY SYMBOLS
EC NO: USY2006-0316	DRWN: JERWIN
2006/04/04	CHKD: THALL
2006/04/10	APPR: DDOYE
2006/04/12	
REV	DESCRIPTION

QUALITY SYMBOLS	DESCRIPTION
▽=0	
◻=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± .01
2 PLACES	± 0.25 ± ---
1 PLACE	± --- ± ---
ANGULAR ± 1 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
JERWIN	2005/10/31
CHECKED BY	DATE
THALL	2005/10/31
APPROVED BY	DATE
DDOYE	2005/10/31
MATERIAL NO.	
SEE TABLE	
SIZE	
A	

IPASS™ IS A TRADEMARK OF MOLEX

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
IPASS CABLE ASSY		
36 CKT TO SATA STYLE 1X		
FANOUT WITH SIDEBANDS		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-79536-300	4 OF 4	

5

4

3

2

1