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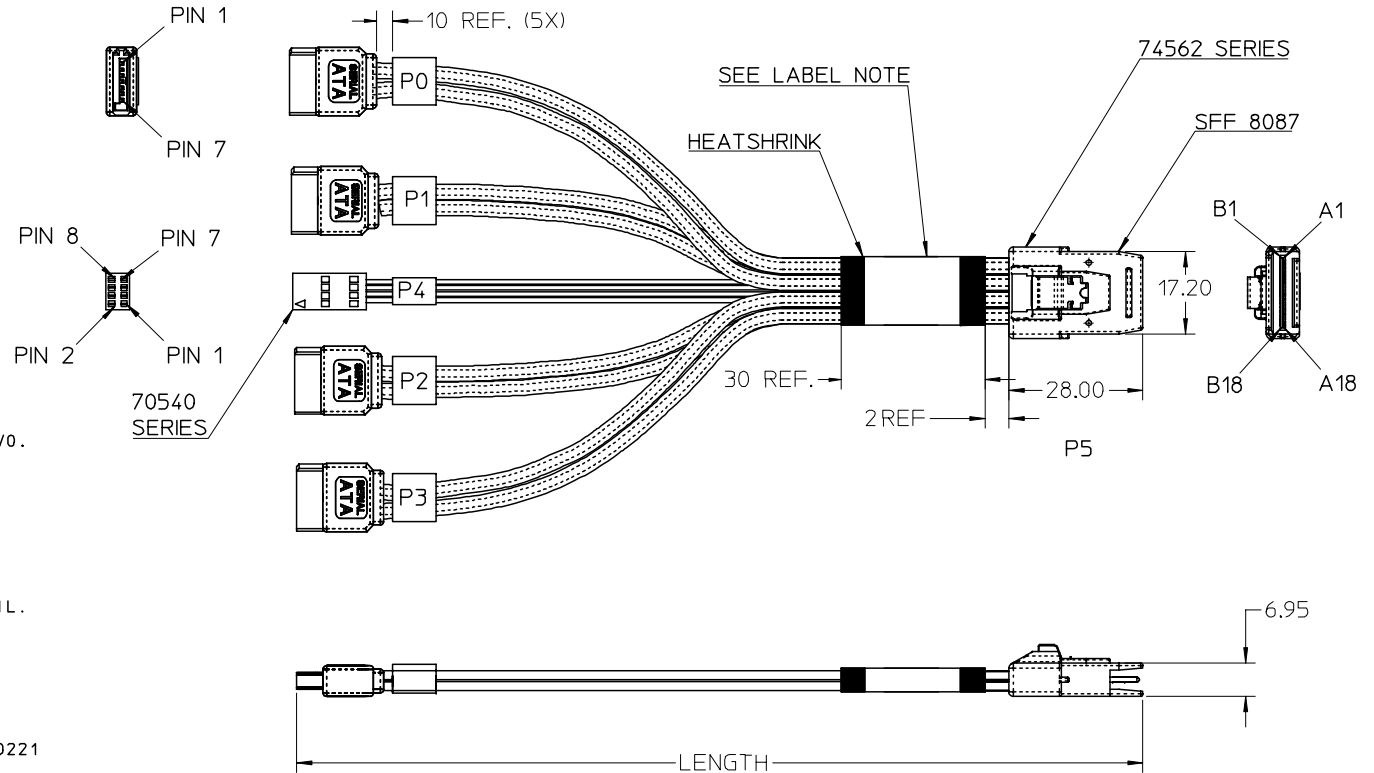
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79536

| 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 | INCH | MM/IN | 1:1 | METRIC | | |
| DESCRIPTION | REV | 4 PLACES | ± --- | ± --- | DRAWN BY | DATE | TITLE | |
| | | 3 PLACES | ± --- | ± .01 | JERWIN | 2005/10/31 | | |
| | | 2 PLACES | ± 0.25 | ± --- | CHECKED BY | DATE | IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS | |
| | | 1 PLACE | ± --- | ± --- | THALL | 2005/10/31 | | |
| | | ANGULAR ± 1 ° | | APPROVED BY | DATE | MOLEX INCORPORATED | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DDOYE | 2005/10/31 | | | | | |
| | | MATERIAL NO. | SEE TABLE | | DOCUMENT NO. | SD-79536-300 | | |
| | | SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | SHEET NO. 1 OF 4 |

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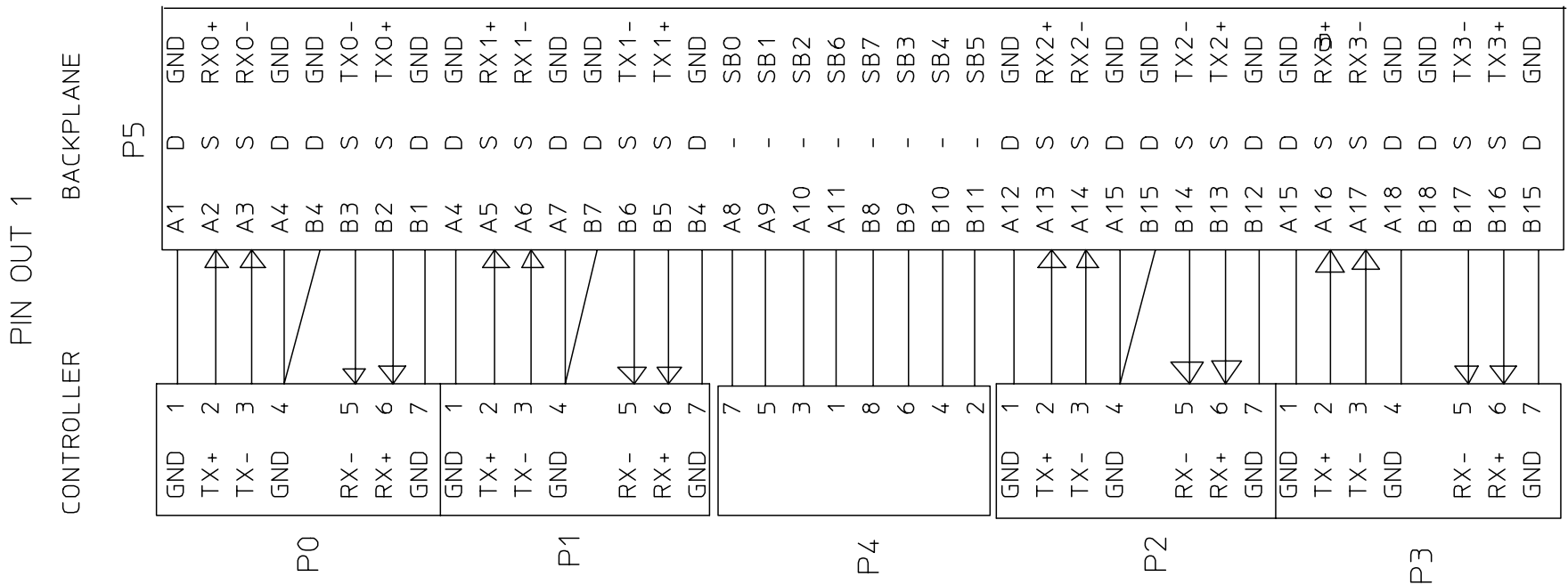
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6 5 4 3 2 1

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 27
- 2) ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



NOTE:

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

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

| | | |
|-----------------|--|----|
| QUALITY SYMBOLS | | =0 |
| | | =0 |

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

| | | | | |
|-----------------|------------|--|--------------|------------------------|
| DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| MM/IN | | 1:1 | METRIC | |
| DRAWN BY | DATE | TITLE | | |
| JERWIN | 2005/10/31 | | | |
| CHECKED BY | DATE | | | |
| THALL | 2005/10/31 | IPASS CABLE ASSY 36 CKT TO SATA STYLE 1X FANOUT WITH SIDEBANDS | | |
| APPROVED BY | DATE | | | |
| DDOYE | 2005/10/31 | MOLEX INCORPORATED | | |
| MATERIAL NO. | | | | |
| SEE TABLE | | DOCUMENT NO. | SHEET NO. | |
| | | SD-79536-300 | 2 OF 4 | |

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MOLEX INCORPORATED

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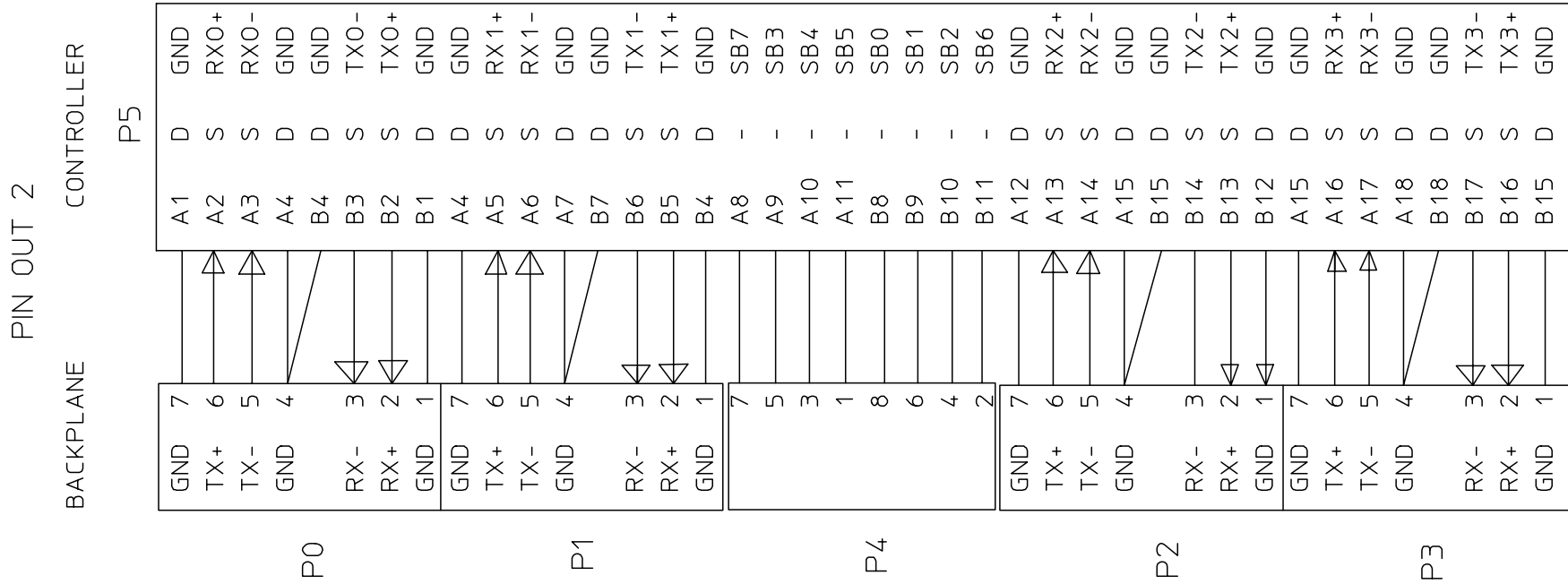
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NOTE:

- 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

| | |
|---------------------|-----------------|
| ENTER DESCRIPTION | QUALITY SYMBOLS |
| EC NO: USY2006-0316 | ▴=0 |
| DRWN: JERWIN | ▾=0 |
| CHKD: THALL | |
| APPR: DDOYE | |
| REV | DESCRIPTION |

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

| | |
|-----------------|------------|
| 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 CHART | |

| | | |
|---|--------------|------------------------|
| 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 | 3 OF 4 | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

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NOTE:

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

D

C

B

A

D

C

B

A

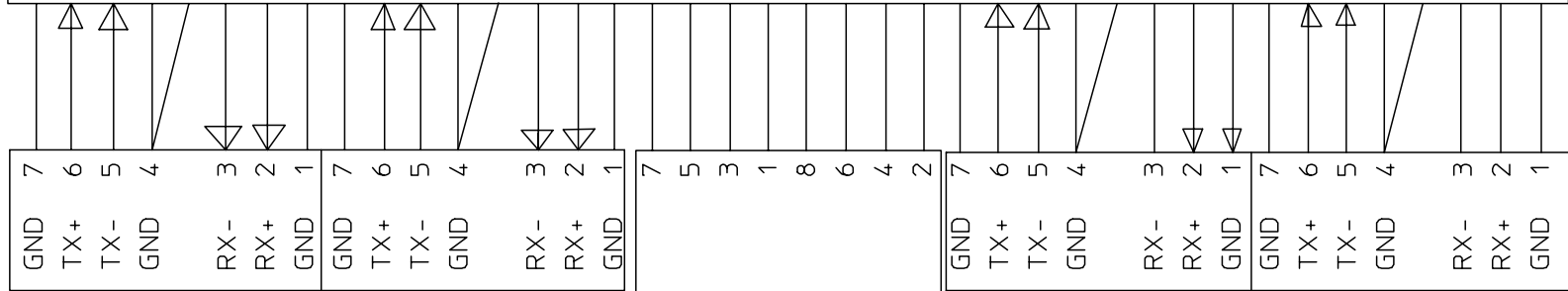
PIN OUT 3

CONTROLLER

BACKPLANE

P5

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|-----|-----|------|------|-----|-----|------|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|------|------|-----|-----|------|------|-----|-----|------|------|-----|---|---|---|---|---|
| GND | RX0+ | RX0- | GND | GND | TX0- | TX0+ | GND | GND | RX1+ | RX1- | GND | GND | TX1- | TX1+ | GND | SB0 | SB1 | SB2 | SB6 | SB7 | SB3 | SB4 | SB5 | GND | RX2+ | RX2- | GND | GND | TX2- | TX2+ | GND | GND | RX3+ | RX3- | GND | GND | TX3- | TX3+ | GND | | | | | |
| D | S | S | D | D | S | S | D | D | S | S | D | D | S | S | D | - | - | - | - | - | - | - | - | - | D | S | S | D | D | S | S | D | D | S | S | D | D | S | S | D | D | S | S | D |
| A1 | A2 | A3 | A4 | B4 | B3 | B2 | B1 | A4 | A5 | A6 | A7 | B7 | B6 | B5 | B4 | B8 | B9 | B10 | B11 | A8 | A9 | A10 | A11 | A12 | A13 | A14 | A15 | B15 | B14 | B13 | B12 | A15 | A16 | A17 | A18 | B18 | B17 | B16 | B15 | D | | | | |



P0

P1

P4

P2

P3

NOTE:

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

| | |
|-------------------------|-----------------|
| ENTER DESCRIPTION | QUALITY SYMBOLS |
| EC NO: USY2006-0316 | = 0 |
| DRWN: JERWIN 2006/04/04 | = 0.01 |
| CHKD: THALL 2006/04/10 | |
| APPR: DDOYE 2006/04/12 | |
| REV | DESCRIPTION |

| |
|---------------------------------------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) |
| 4 PLACES ± --- ± --- |
| 3 PLACES ± --- ± .01 |
| 2 PLACES ± 0.25 ± --- |
| 1 PLACE ± --- ± --- |
| ANGULAR ± 1 ° |

| |
|--|
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |
|--|

| | | | |
|-----------------|--------------|-------------------------|------------------------|
| DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| MM/IN | 1:1 | METRIC | |
| DRAWN BY | DATE | TITLE | |
| JERWIN | 2005/10/31 | IPASS CABLE ASSY | |
| CHECKED BY | DATE | 36 CKT TO SATA STYLE 1X | |
| THALL | 2005/10/31 | FANOUT WITH SIDEBANDS | |
| APPROVED BY | DATE | MOLEX INCORPORATED | |
| DDOYE | 2005/10/31 | MATERIAL NO. SEE TABLE | |
| MATERIAL NO. | DOCUMENT NO. | SHEET NO. | |
| SEE TABLE | SD-79536-300 | 4 OF 4 | |

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| |
|---|
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|---|

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