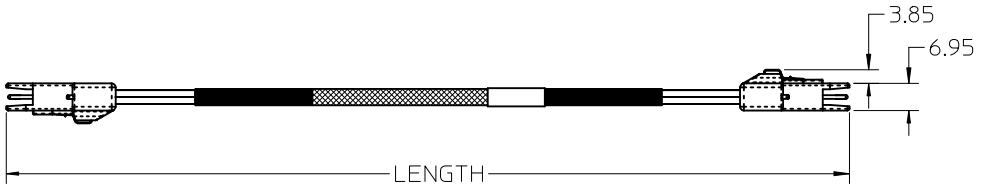
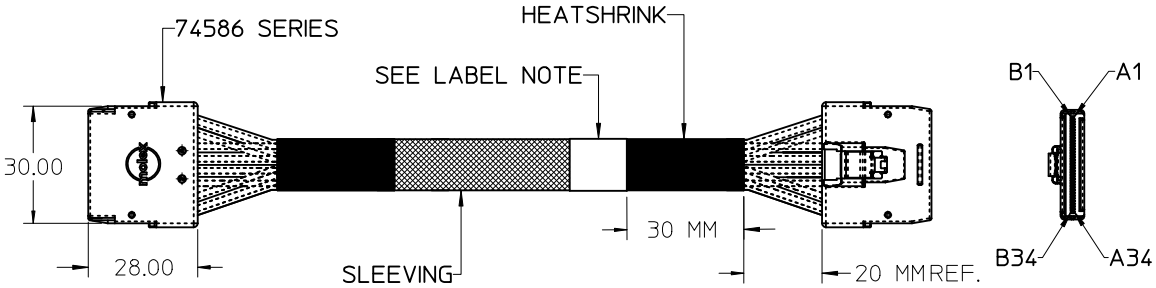
| MOLEX P/N | SIDEBANDS | APPLICATION | SLEEVING | AWG | LENGTH(M) | Tol(+/-) | PINOUT |
|---|---|---|---|---|---|---|---|
| 745862100 | YES | CTRL TO BP | YES | 30 | 0.5 | 0.015 PINOUT | 1 |
| 745862101 | YES | CTRL TO BP | YES | 30 | 0.3 | 0.015 PINOUT | 1 |
| 745862102 | YES | CTRL TO BP | NO | 30 | 0.152 | 0.015 PINOUT | 1 |
| 745862103 | YES | CTRL TO BP | YES | 28 | 0.6 | 0.015 PINOUT | 1 |
| 745862104 | YES | CTRL TO BP | YES | 28 | 1 | 0.015 PINOUT | 1 |
| 745862105 | YES | CTRL TO BP | YES | 30 | 0.2 | 0.015 PINOUT | 1 |
| 745862110 | YES | CTRL TO CTRL | NO | 30 | 0.152 | 0.015 PINOUT | 2 |
| 745862111 | YES | CTRL TO CTRL | YES | 30 | 0.3 | 0.015 PINOUT | 2 |
| 745862112 | YES | CTRL TO CTRL | YES | 30 | 0.5 | 0.015 PINOUT | 2 |
| 745862113 | YES | CTRL TO CTRL | YES | 28 | 0.6 | 0.015 PINOUT | 2 |
| 745862114 | YES | CTRL TO CTRL | YES | 28 | 1 | 0.015 PINOUT | 2 |
| 745862120 | YES | N/A | NO | 30 | 0.152 | 0.015 PINOUT | 3 |
| 745862121 | YES | N/A | YES | 30 | 0.5 | 0.015 PINOUT | 3 |
| 745862122 | YES | N/A | YES | 30 | 0.3 | 0.015 PINOUT | 3 |
| 745862123 | YES | N/A | YES | 28 | 0.6 | 0.015 PINOUT | 3 |
| 745862124 | YES | N/A | YES | 28 | 1 | 0.015 PINOUT | 3 |




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-79536-001.
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 CHINA
   WW/YY

IPASS™ IS A TRADEMARK OF MOLEX.

SLEEVING COLUMN
EC NO: USY2011-0002 2007/10/12
DRWN: JERWIN 2006/04/10
CHKD: BSCHOESTER 2006/04/10
APPR: DDOYE 2010/07/07
DESCRIPTION
REV
E

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ± 1 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JERWIN DATE: 2006/04/10
CHECKED BY: THALL DATE: 2006/04/10
APPROVED BY: DDOYE DATE: 2006/04/10

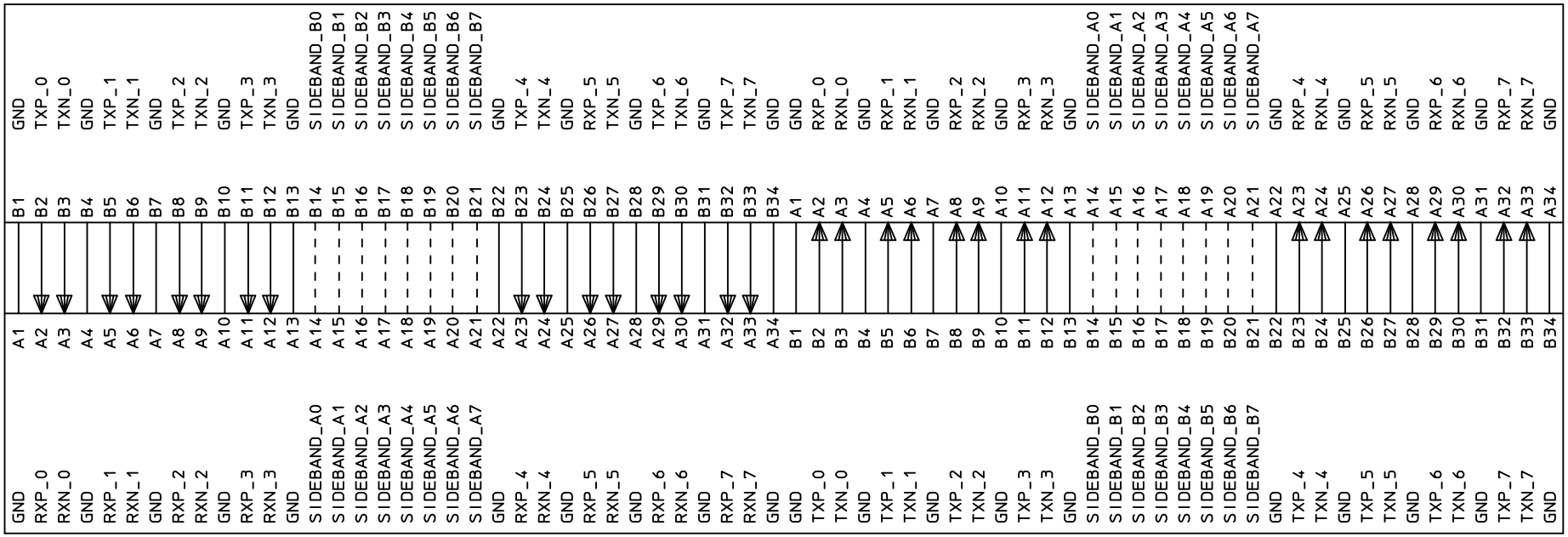
TITLE: IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74586-200
SHEET NO.: 1 OF 4

SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION




NOTE

1. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

SLEEVING COLUMN
EC NO: USY2011-0002 2007/10/12
DRWN: JERWIN 2006/04/10
CHKD: BSCHOESTER 2010/07/07
APPR: DDOYE
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± --- | ± --- |

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JERWIN DATE: 2006/04/10
CHECKED BY: THALL DATE: 2006/04/10
APPROVED BY: DDOYE DATE: 2006/04/10

TITLE: IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS

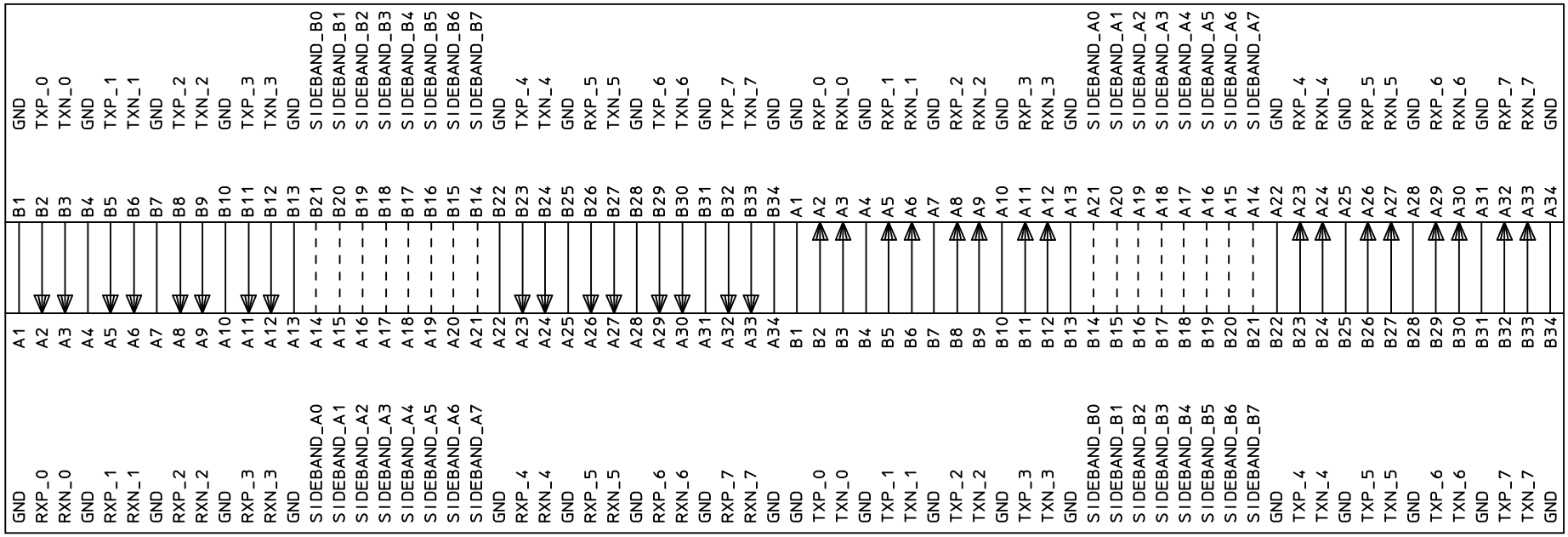
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74586-200
SHEET NO.: 2 OF 4

SIZE: B

IPASS™ IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION




SLEEVING COLUMN
EC NO: USY2011-0002 2007/10/12
DRWN: JERWIN 2006/04/10
CH'KD: BSCHOESTER 2006/04/10
APPR: DDOYE 2010/07/07
DESCRIPTION
REV
E

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ± 1 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | JERWIN | 2006/04/10 |
| CHECKED BY | THALL | 2006/04/10 |
| APPROVED BY | DDOYE | 2006/04/10 |

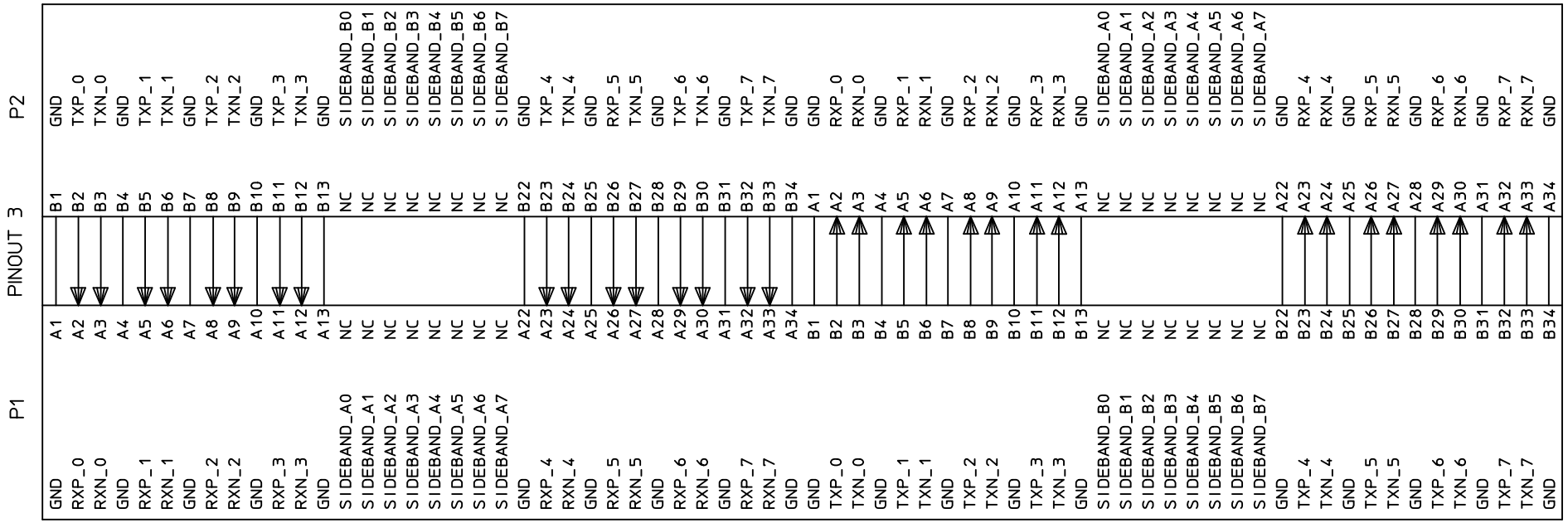
TITLE
IPASS(MINI-SAS)
INTERNAL CABLE 68 CKT
8X W/ SIDEBANDS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74586-200
SHEET NO.: 3 OF 4

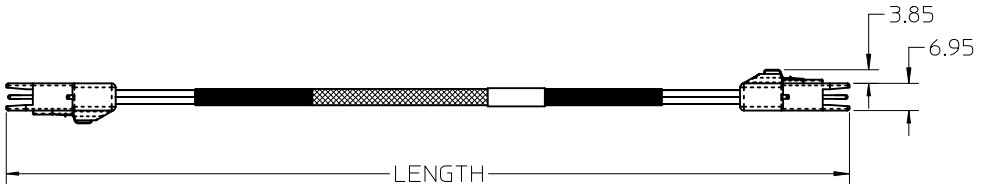
SIZE B

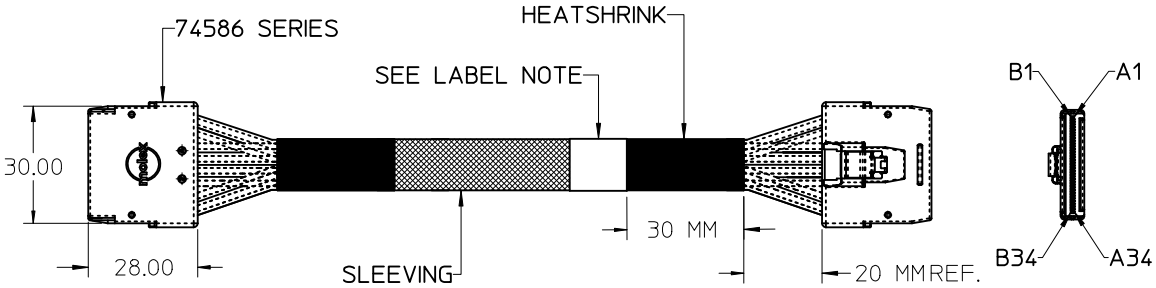
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SLEEVING COLUMN<br>EC NO: USY2011-0002<br>DRWN:JERWIN 2007/10/12<br>CH'KD:BSCHOESTER 2006/04/10<br>APPR:DDOYE 2010/07/07 | DESCRIPTION | REV | QUALITY SYMBOLS<br>▼=0<br>Ⓒ=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>4 PLACES ± --- / ± ---<br>3 PLACES ± --- / ± ---<br>2 PLACES ± 0.25 / ± ---<br>1 PLACE ± --- / ± ---<br>ANGULAR ± 1 °<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE: MM ONLY<br>DRAWN BY: JERWIN 2006/04/10<br>CHECKED BY: THALL 2006/04/10<br>APPROVED BY: DDOYE 2006/04/10<br>MATERIAL NO.: SEE CHART | SCALE: 1:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION<br>TITLE: IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS<br>MOLEX INCORPORATED<br>DOCUMENT NO.: SD-74586-200<br>SHEET NO.: 4 OF 4<br>SIZE: B | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |

| MOLEX P/N | SIDEBANDS | APPLICATION | SLEEVING | AWG | LENGTH(M) | Tol(+/-) | PINOUT |
|---|---|---|---|---|---|---|---|
| 745862100 | YES | CTRL TO BP | YES | 30 | 0.5 | 0.015 PINOUT | 1 |
| 745862101 | YES | CTRL TO BP | YES | 30 | 0.3 | 0.015 PINOUT | 1 |
| 745862102 | YES | CTRL TO BP | NO | 30 | 0.152 | 0.015 PINOUT | 1 |
| 745862103 | YES | CTRL TO BP | YES | 28 | 0.6 | 0.015 PINOUT | 1 |
| 745862104 | YES | CTRL TO BP | YES | 28 | 1 | 0.015 PINOUT | 1 |
| 745862105 | YES | CTRL TO BP | YES | 30 | 0.2 | 0.015 PINOUT | 1 |
| 745862110 | YES | CTRL TO CTRL | NO | 30 | 0.152 | 0.015 PINOUT | 2 |
| 745862111 | YES | CTRL TO CTRL | YES | 30 | 0.3 | 0.015 PINOUT | 2 |
| 745862112 | YES | CTRL TO CTRL | YES | 30 | 0.5 | 0.015 PINOUT | 2 |
| 745862113 | YES | CTRL TO CTRL | YES | 28 | 0.6 | 0.015 PINOUT | 2 |
| 745862114 | YES | CTRL TO CTRL | YES | 28 | 1 | 0.015 PINOUT | 2 |
| 745862120 | YES | N/A | NO | 30 | 0.152 | 0.015 PINOUT | 3 |
| 745862121 | YES | N/A | YES | 30 | 0.5 | 0.015 PINOUT | 3 |
| 745862122 | YES | N/A | YES | 30 | 0.3 | 0.015 PINOUT | 3 |
| 745862123 | YES | N/A | YES | 28 | 0.6 | 0.015 PINOUT | 3 |
| 745862124 | YES | N/A | YES | 28 | 1 | 0.015 PINOUT | 3 |




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-79536-001.
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 CHINA
   WW/YY

IPASS™ IS A TRADEMARK OF MOLEX.

SLEEVING COLUMN
EC NO: USY2011-0002 2007/10/12
DRWN: JERWIN 2006/04/10
CHKD: BSCHOESTER 2006/04/10
APPR: DDOYE 2010/07/07
DESCRIPTION
REV
E

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ± 1 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JERWIN DATE: 2006/04/10
CHECKED BY: THALL DATE: 2006/04/10
APPROVED BY: DDOYE DATE: 2006/04/10

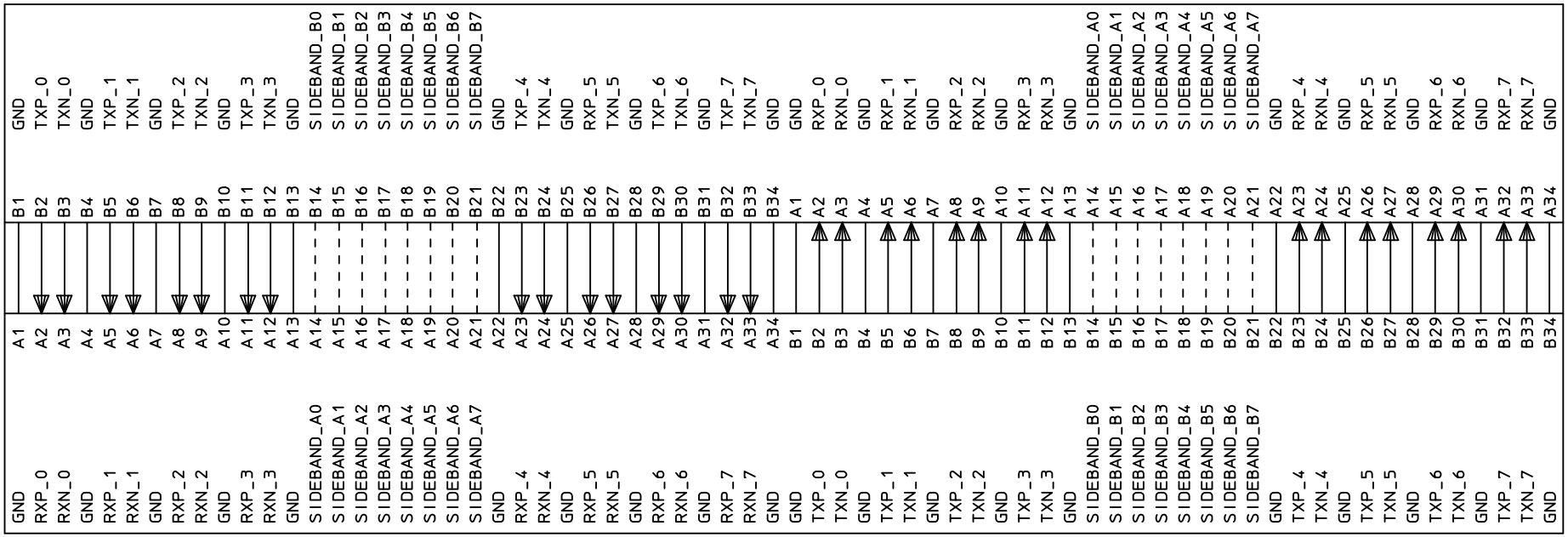
TITLE: IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74586-200
SHEET NO.: 1 OF 4

SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION




NOTE

1. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

SLEEVING COLUMN
EC NO: USY2011-0002 2007/10/12
DRWN: JERWIN 2006/04/10
CHKD: BSCHOESTER 2010/07/07
APPR: DDOYE
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± --- | ± --- |

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JERWIN DATE: 2006/04/10
CHECKED BY: THALL DATE: 2006/04/10
APPROVED BY: DDOYE DATE: 2006/04/10

TITLE: IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS

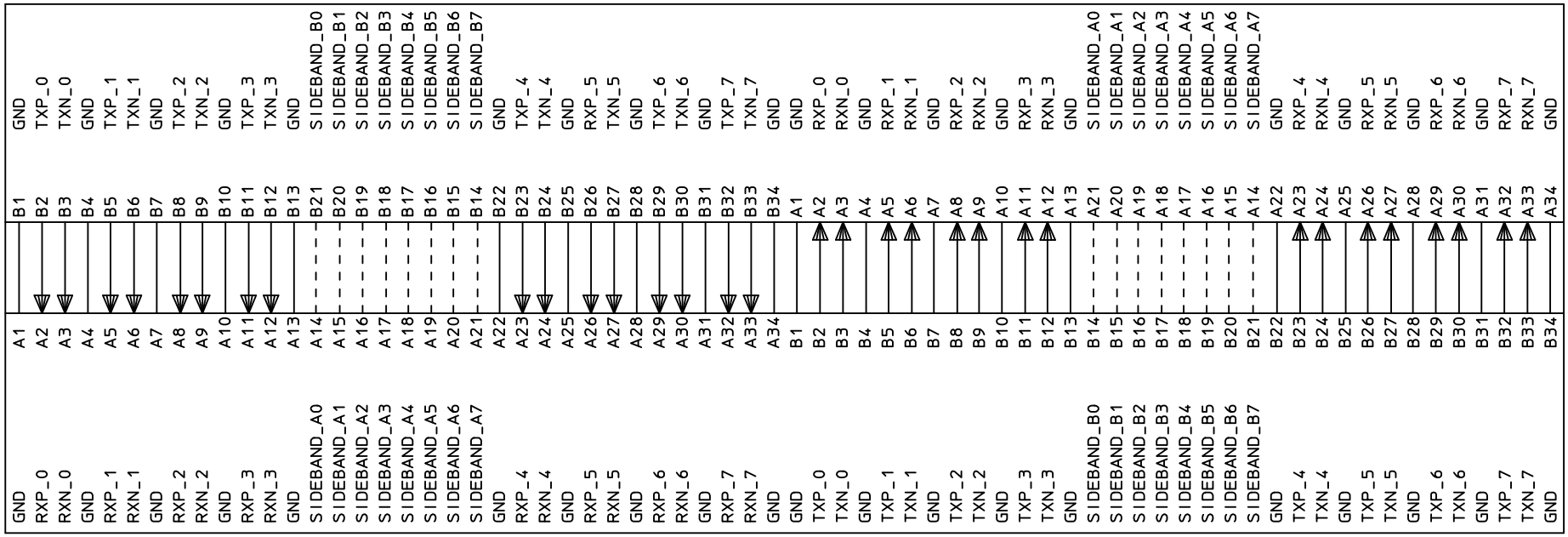
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74586-200
SHEET NO.: 2 OF 4

SIZE: B

IPASS™ IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION




SLEEVING COLUMN
EC NO: USY2011-0002 2007/10/12
DRWN: JERWIN 2006/04/10
CH'KD: BSCHOESTER 2006/04/10
APPR: DDOYE 2010/07/07
DESCRIPTION
REV
E

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ± 1 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | JERWIN | 2006/04/10 |
| CHECKED BY | THALL | 2006/04/10 |
| APPROVED BY | DDOYE | 2006/04/10 |

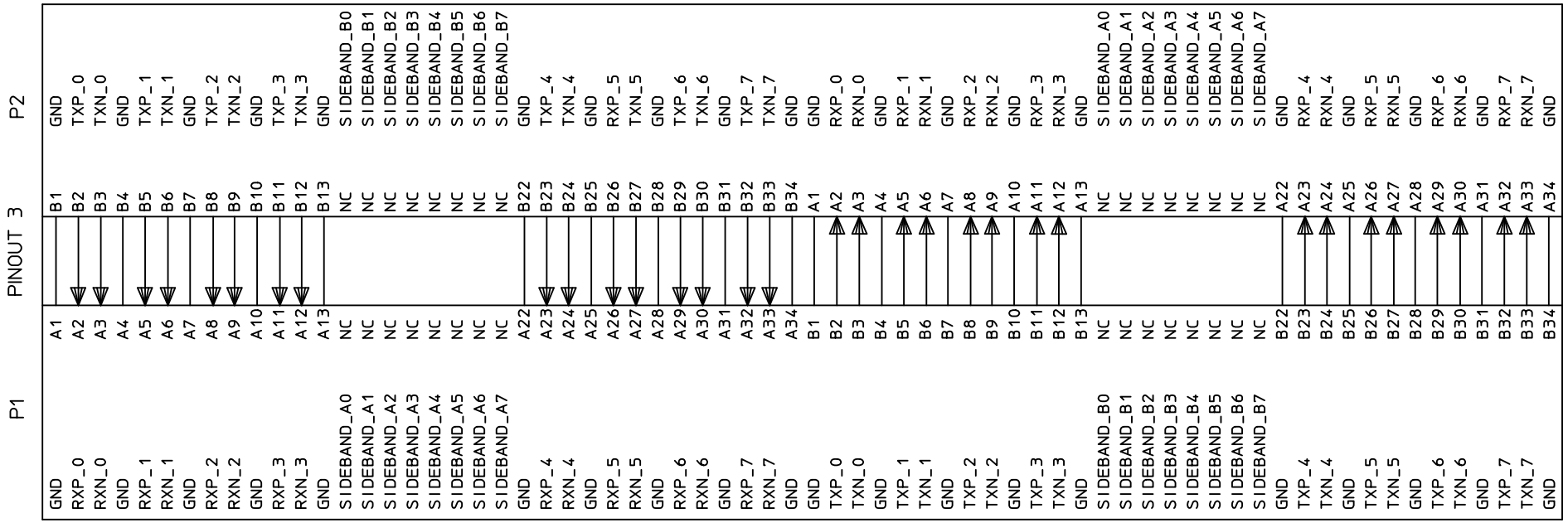
TITLE
IPASS(MINI-SAS)
INTERNAL CABLE 68 CKT
8X W/ SIDEBANDS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74586-200
SHEET NO.: 3 OF 4

SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SLEEVING COLUMN<br>EC NO: USY2011-0002<br>DRWN:JERWIN 2007/10/12<br>CH'KD:BSCHOESTER 2006/04/10<br>APPR:DDOYE 2010/07/07 | DESCRIPTION | REV | QUALITY SYMBOLS<br>▼=0<br>Ⓒ=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>4 PLACES ± --- / ± ---<br>3 PLACES ± --- / ± ---<br>2 PLACES ± 0.25 / ± ---<br>1 PLACE ± --- / ± ---<br>ANGULAR ± 1 °<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE: MM ONLY<br>DRAWN BY: JERWIN 2006/04/10<br>CHECKED BY: THALL 2006/04/10<br>APPROVED BY: DDOYE 2006/04/10<br>MATERIAL NO.: SEE CHART | SCALE: 1:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION<br>TITLE: IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS<br>MOLEX INCORPORATED<br>DOCUMENT NO.: SD-74586-200<br>SHEET NO.: 4 OF 4<br>SIZE: B | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |