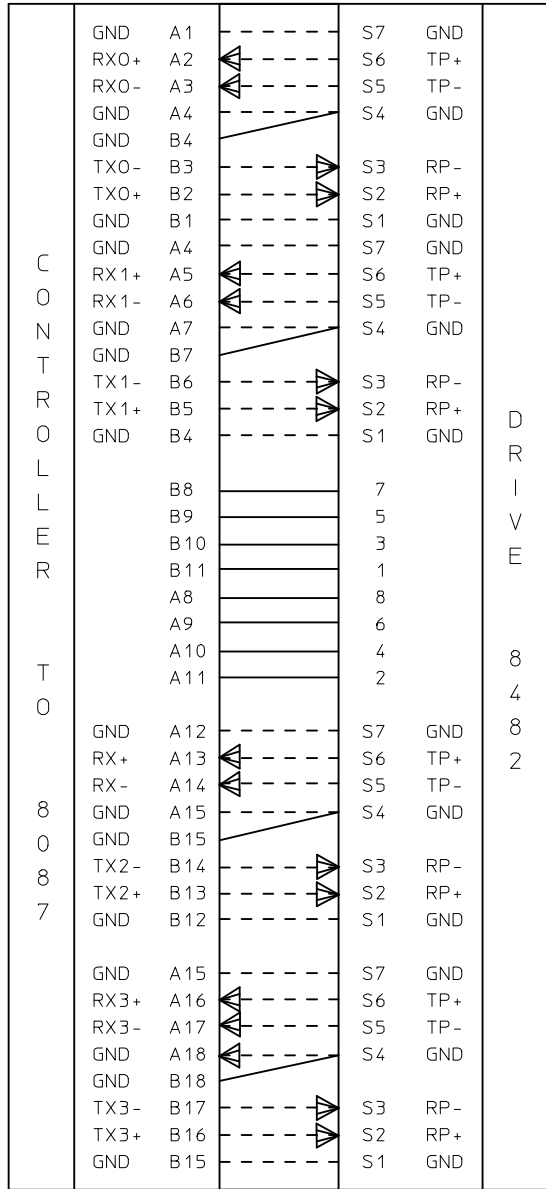


- NOTES:
- MATERIAL:  
 OVER MOLD - POLYBUTYLENE TEREPHTHALATE (PBT), 94-V0, GLASS FILLED 30%.  
 LATCH - STAINLESS STEEL ALLOY.  
 CABLE -  
 SIGNALS PVC INSULATION  
 SOLID COPPER SIGNAL AND DRAIN.  
 INNER DIELECTRIC IS POLYOLEFIN  
 TWIN-AX SHIELD IS ALUMINIZED POLYESTER FOIL.  
 JACKET-PVC RED.  
 PCB - FR4
  - PRODUCT TO PERFORM PER:  
 PRODUCT SPECIFICATION: PS - 79536-001.
  - PRODUCT SERIES 79536 MATES TO 79583 (RIGHT ANGLE), 75794 (VERTICAL) AND 47077 SERIES MATES TO 87861 SERIES.
  - THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONINGS AND ELECTRICAL SFF-8086, SFF-8087 AND SFF- 8484 (SAS).
  - MINIMUM RECOMMENDED BEND RADIUS 28 MM.
  - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
  - LABEL DETAIL.  
 MOLEX  
 74562XXXX  
 MADE IN CHINA  
 YY/WW

| MOLEX P/N | SIDEBANDS | APPLICATION   | AWG | LENGTH(M) | TOL +/- |
|-----------|-----------|---------------|-----|-----------|---------|
| 745627000 | YES       | IPASS on Ctrl | 30  | 0.152     | 0.015   |
| 745627001 | YES       | IPASS on Ctrl | 30  | 0.3       | 0.015   |
| 745627002 | YES       | IPASS on Ctrl | 30  | 0.5       | 0.015   |
| 745627003 | YES       | IPASS on Ctrl | 30  | 0.6       | 0.015   |
| 745627004 | YES       | IPASS on Ctrl | 28  | 1         | 0.030   |
| 745627020 | NO        | IPASS on Ctrl | 30  | 0.152     | 0.015   |
| 745627021 | NO        | IPASS on Ctrl | 30  | 0.3       | 0.015   |
| 745627022 | NO        | IPASS on Ctrl | 30  | 0.5       | 0.015   |
| 745627023 | NO        | IPASS on Ctrl | 30  | 0.6       | 0.015   |
| 745627024 | NO        | IPASS on Ctrl | 28  | 1         | 0.030   |

|  |                               |  |   |                            |                    |   |                              |                        |  |
|--|-------------------------------|--|---|----------------------------|--------------------|---|------------------------------|------------------------|--|
| ENTER DESCRIPTION<br>EC NO: USY2009-0319<br>DRAWN: JERWIN 2009/02/10<br>CHKD: SCHROESTER 2009/02/13<br>APPR: DDOYE 2009/02/23<br>G | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)  |   | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>1:1  | DESIGN UNITS<br>METRIC       | THIRD ANGLE PROJECTION |  |
|  |                               | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± --- ± --- | mm INCH<br>± --- ± ---<br>± 0.13 ± ---<br>± --- ± --- | DRAWN BY<br>JERWIN         | DATE<br>2006/04/12 | TITLE<br>IPASS(MINI-SAS)INTERNAL CABLE ASSEMBLY 36CKT TO 8482 |                              |                        |  |
|  |                               | ANGULAR ± ---°   |   | CHECKED BY<br>THALL        | DATE<br>2006/04/12 | MOLEX MOLEX INCORPORATED                                      |                              |                        |  |
|  |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |   | APPROVED BY<br>DDOYE       | DATE<br>2006/04/12 | MATERIAL NO.<br>SEE CHART                                     | DOCUMENT NO.<br>SD-74562-700 | SHEET NO.<br>1 OF 2    |  |



|                       | P0, P1, P2, P3 | P6, P7, P8, P9 | WIRE COLOR | DEFINITION |                       |
|-----------------------|----------------|----------------|------------|------------|-----------------------|
| D<br>R<br>I<br>V<br>E | P15            | P1             | YELLOW     | 12V POWER  | P<br>O<br>W<br>E<br>R |
|                       | P14            |                |            |            |                       |
|                       | P13            |                |            |            |                       |
|                       | P12            |                |            |            |                       |
| 8<br>4<br>8<br>2      | P11            | P2             | BLACK      | GND        |                       |
|                       | P10            |                |            |            |                       |
|                       | P9             |                |            |            |                       |
|                       | P8             |                |            |            |                       |
| 8<br>4<br>8<br>2      | P7             | P4             | RED        | 5V POWER   |                       |
|                       | P6             |                |            |            |                       |
|                       | P5             |                |            |            |                       |
|                       | P4             |                |            |            |                       |
| 8<br>4<br>8<br>2      | P3             | P3             | BLACK      | GND        |                       |
|                       | P2             |                |            |            |                       |
|                       | P1             |                |            |            |                       |
|                       |                |                |            |            | ORANGE                |

|   |                                      |  |       |                                   |            |              |   |                        |  |
|---|--------------------------------------|--|-------|-----------------------------------|------------|--------------|---|------------------------|--|
| <b>ENTER DESCRIPTION</b><br>EC NO: USY2009-0319<br>DRWN: JERWIN 2009/02/10<br>CHKD: BSCHOESTER 2009/02/13<br>APPR: DDOYNE 2009/02/23<br>G | <b>QUALITY SYMBOLS</b><br>▼=0<br>▽=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> |       | <b>DIMENSION STYLE</b><br>MM ONLY |            | SCALE<br>1:1 | DESIGN UNITS<br>METRIC  | THIRD ANGLE PROJECTION |  |
|   |                                      | 4 PLACES                                     | ±---  | ±---                              | DRAWN BY   | DATE         | TITLE<br>IPASS(MINI-SAS)INTERNAL CABLE ASSEMBLY 36CKT TO 8482 |                        |  |
|   |                                      | 3 PLACES                                     | ±---  | ±---                              | JERWIN     | 2006/04/12   |   |                        |  |
|   |                                      | 2 PLACES                                     | ±0.13 | ±---                              | CHECKED BY | DATE         | MOLEX INCORPORATED  |                        |  |
| 1 PLACE   | ±---                                 | ±---   | THALL | 2006/04/12                        |            |              |   |                        |  |
| ANGULAR ±---°   |                                      | MATERIAL NO.                                 |       | APPROVED BY                       | DATE       | DOCUMENT NO. |   | SHEET NO.              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                      | SEE CHART                                    |       | DDOYNE                            | 2006/04/12 | SD-74562-700 |   | 2 OF 2                 |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION             |                                      |  |       |                                   |            |              |   |                        |  |