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**Part Number:** [0357980290](#)  
**Status:** **Active**  
**Description:** 8.00mm (.315") Pitch Wire-to-Board Header, Vertical, 1.78mm (.070") Tab, 2 Circuits, PP Polypropylene 94V-0, White

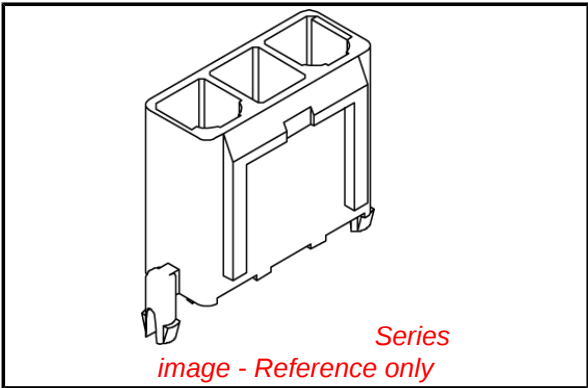
**Documents:**  
[3D Model](#) [Product Specification PS-35798-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

|                                |                       |
|--------------------------------|-----------------------|
| <b>General</b>                 |                       |
| Product Family                 | PCB Headers           |
| Series                         | <a href="#">35798</a> |
| Application                    | Wire-to-Board         |
| Product Name                   | N/A                   |
| <b>Physical</b>                |                       |
| Breakaway                      | No                    |
| Circuits (Loaded)              | 2                     |
| Circuits (maximum)             | 2                     |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Compliant            | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Material - Plating Mating      | Tin                   |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PC Tail Length (in)            | 0.130 In              |
| PC Tail Length (mm)            | 3.30 mm               |
| PCB Locator                    | Yes                   |
| PCB Retention                  | Yes                   |
| PCB Thickness Recommended (in) | 0.062 In              |
| PCB Thickness Recommended (mm) | 1.60 mm               |
| Packaging Type                 | Bag                   |
| Pitch - Mating Interface (in)  | 0.315 In              |
| Pitch - Mating Interface (mm)  | 8.00 mm               |
| Polarized to PCB               | No                    |
| Shrouded                       | Partial               |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40°C to +120°C       |
| Termination Interface: Style   | Through Hole          |

|                               |      |
|-------------------------------|------|
| <b>Electrical</b>             |      |
| Current - Maximum per Contact | 15A  |
| Voltage - Maximum             | 300V |

**Material Info**

|                                    |              |
|------------------------------------|--------------|
| <b>Reference - Drawing Numbers</b> |              |
| Product Specification              | PS-35798-001 |
| Sales Drawing                      | SD-35798-001 |



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[35798Series](#)

**Mates With**  
[35799 Wire-to-Board Housing](#)

DWG. NO.  
SD-35978-001

SIMILAR ITEM

PROJECT NO.

B

DO NOT SCALE DRAWING  
DIMENSION IN METRIC

8

7

6

5

4

3

2

1

F

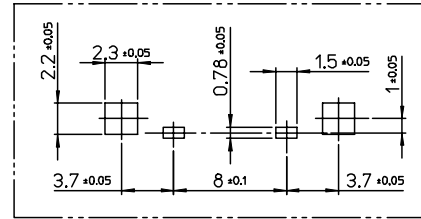
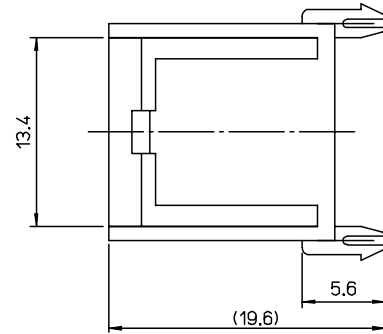
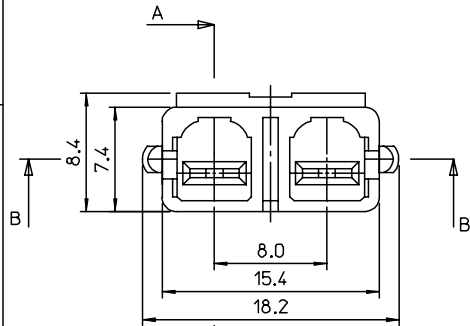
E

D

C

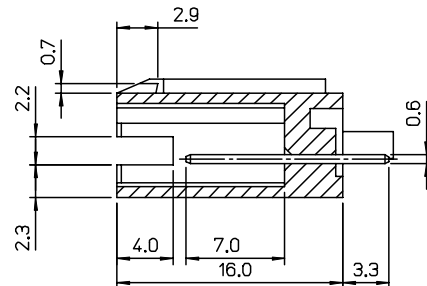
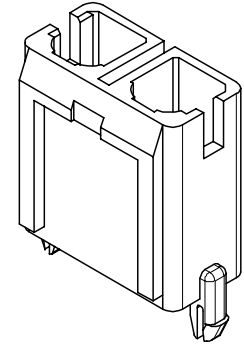
B

A

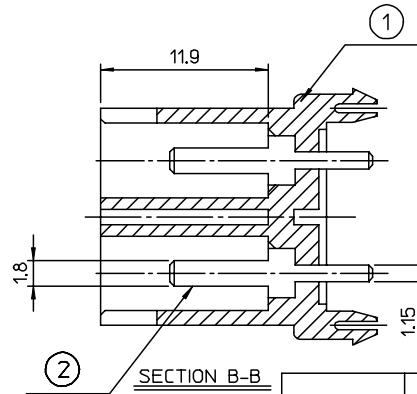
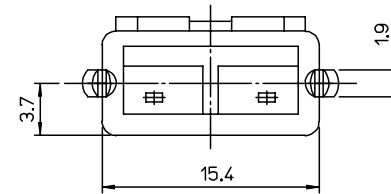


(RECOMMENDED PCB HOLE LAYOUT)

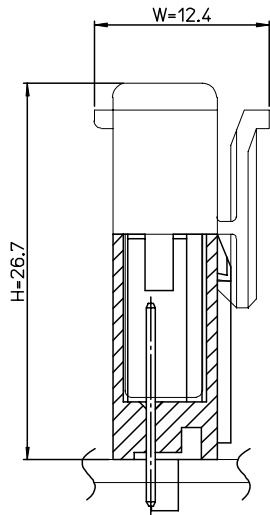
PCB THICKNESS=1.6mm



SECTION A-A



SECTION B-B



MATED VIEW

| TABLE1 | ASS'Y PART        |                         |
|--------|-------------------|-------------------------|
|        | DESCRIPTION       | MATERIAL                |
| ①      | HEADER HOUSING-2P | POLYPROPYLENE (UL94V-0) |
|        |                   | NYLON66 (UL94V-2)       |
| ②      | 0.6THICKNESS TAB  | BRASS                   |
|        |                   | PRE-TIN PALATING        |

| TABLE2 | MATERIAL NO. | ENG NO.    | MATED HOUSING | HEADER HOUSING          |         |
|--------|--------------|------------|---------------|-------------------------|---------|
|        |              |            |               | MATERIAL                | COLOR   |
|        | 357980210    | 35798-0210 | 35799-0210    | NYLON66 (UL94V-2)       | NATURAL |
|        | 357980290    | 35798-0290 | 35799-0290    | POLYPROPYLENE (UL94V-0) |         |
|        | 357980212    | 35798-0212 | 35799-0212    | NYLON66 (UL94V-2)       | RED     |
|        | 357980292    | 35798-0292 | 35799-0292    | POLYPROPYLENE (UL94V-0) |         |

|                                                                                            |             |                                                          |                                                         |                                        |                                                                                                                                   |                                                                                      |                                                                                                                 |                                                                                                       |                       |
|--------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------|---------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------|
| REVISED<br>ECN NO.KOR2005-0192<br>DRWN: J.B.JIN 05/04/21<br>CHK: W.Y.YANG<br>APPR: C.W.LEE | DESCRIPTION | <div>QUALITY SYMBOLS</div> <div>MAJOR<br/>CRITICAL</div> | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)               |                                        | SCALE<br>3:1                                                                                                                      | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH |  THIRD ANGLE<br>PROJECTION | <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY | REVISE ON<br>CAD ONLY |
|                                                                                            |             |                                                          | <div><div>mm</div><div>INCH</div></div>                 | DRAWN BY & DATE<br>C.B.HIN 01/04/17    |                                                                                                                                   | TITLE:<br><br>.070 W/B CONN.<br><br>HEADER ASS'Y-2P                                  |                                                                                                                 |                                                                                                       |                       |
|                                                                                            |             |                                                          | 4 PLACES ±0. ±.                                         | CHECKED BY & DATE<br>B.K.CHOI 01/04/17 |                                                                                                                                   |                                                                                      |                                                                                                                 |                                                                                                       |                       |
|                                                                                            |             |                                                          | 3 PLACES ±0. ±.                                         | APPROVED BY & DATE<br>C.W.LEE 01/04/17 |                                                                                                                                   | MOLEX INCORPORATED                                                                   |                                                                                                                 |                                                                                                       |                       |
|                                                                                            |             |                                                          | 2 PLACES ±0.3 ±.                                        | CAD FILENAME<br>S35978AA.MI            |                                                                                                                                   |                                                                                      |                                                                                                                 |                                                                                                       |                       |
| A1                                                                                         | REV         |                                                          | ANGULAR: ± °                                            |                                        |                                                                                                                                   |                                                                                      |                                                                                                                 |                                                                                                       |                       |
|                                                                                            |             |                                                          | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS |                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                                                                      |                                                                                                                 |                                                                                                       |                       |

KOREA

MX-A3