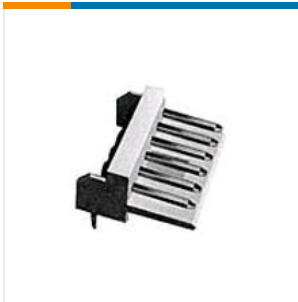




## HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### H-TYPE E.I.S.CONN. 8P ASSY

El Series | El Series

171826-8

TE Internal Number: 171826-8

Converted to EU RoHS/ELV Compliant

Centerline **2.5 mm [ .098 in ]**

Number of Positions **8**

PCB Mounting Orientation **Horizontal**

PCB Mounting Style **Through Hole**

Number of Rows **1**

#### Product Drawings

#### POST HEADER ASSY (HORIZONTAL) AMP EI SERIES CONNECTOR

PDF  
English

#### CAD Files

#### Customer View Model

2D\_DXF.ZIP  
English

#### Customer View Model

3D\_IGS.ZIP  
English

#### Customer View Model

3D\_STP.ZIP  
English

#### 3D PDF

PDF  
English

#### Product Specifications

##### Product Specification

#### AMP El Series, Connector

TIF  
Japanese

#### AMP El Series, Connector

PDF  
Japanese

#### AMP Mass-Termination "El" Series Connector

TIF  
English

#### AMP Mass-Termination "El" Series Connector

PDF  
English

|                            |   |                              |
|----------------------------|---|------------------------------|
| Product Type Features      | PCB Mounting Orientation                        | <b>Horizontal</b>            |
|                            | Product Type                                    | <b>Connector</b>             |
|                            | Connector Type                                  | <b>Header</b>                |
|                            | Strain Relief                                   | <b>Without</b>               |
|                            | Profile   | <b>Low, Standard</b>         |
|                            | Connector Style                                 | <b>Plug</b>                  |
|                            | Applies To                                      | <b>Printed Circuit Board</b> |
| Configuration Features     | Number of Positions                             | <b>8</b>                     |
|                            | Number of Rows                                  | <b>1</b>                     |
|                            | Number of Positions Applied                     | <b>8</b>                     |
|                            | Backwall/Post Interruptions                     | <b>Without</b>               |
| Electrical Characteristics | Operating Voltage (VAC)                         | <b>250</b>                   |
| Body Features              | Header Type                                     | <b>Shrouded</b>              |
|                            | Circuit   | <b>Standard</b>              |
| Contact Features           | Contact Mating Area Plating Material            | <b>Tin over Copper</b>       |
|                            | Contact Type                                    | <b>Pin</b>                   |
|                            | Solder Tail Contact Plating Material            | <b>Tin over Copper</b>       |
|                            | Contact Termination Area Plating Thickness (µm) | <b>.8</b>                    |
|                            | Contact Current Rating (A)                      | <b>3.5</b>                   |
|                            | Contact Shape                                   | <b>Square</b>                |
|                            | Tail Plating Material                           | <b>Tin</b>                   |
|                            | Contact Termination Area Plating Material       | <b>Tin</b>                   |
|                            | Contact Base Material                           | <b>Brass</b>                 |
| Mechanical Attachment      | PCB Mounting Style                              | <b>Through Hole</b>          |
|                            | PCB Mount Alignment                             | <b>Without</b>               |
|                            | Mating Retention                                | <b>With</b>                  |
|                            | PCB Mount Retention                             | <b>Without</b>               |
|                            | Panel Mount Retention                           | <b>Without</b>               |
|                            | Contact Retention                               | <b>Without</b>               |
|                            | Mating Alignment Type                           | <b>Polarization</b>          |
|                            | Mating Alignment                                | <b>With</b>                  |

Mating Retention Type

**Polarized Lock**

Housing Features

Centerline

**2.5 mm [ .098 in ]**

Housing Color

**Natural**

Housing Material

**6/6 Nylon**

Dimensions

Tail Length

**3.6 mm [ .142 in ]**

Wire/Cable Size (mm<sup>2</sup>)

**.08 – .33**

PCB Thickness (Recommended)

**1.6 mm [ .063 in ]**

Wire/Cable Size (CMA)

**159.8 – 642.4**

Mating Post Length

**7.5 mm [ .295 in ]**

Length

**20 mm [ .787 in ]**

Height

**6.7 mm [ .264 in ]**

Wire/Cable Size (AWG)

**28 – 22**

Usage Conditions

Operating Temperature Range (°C)

**-20 – 95**

Operation/Application

For Use With

**Receptacle Assembly**

Pick and Place Cover

**Without**

Industry Standards

UL Flammability Rating

**UL 94V-0**

CSA Certified

**Yes**

Agency/Standard

**UL**

Packaging Features

Packaging Method

**Bag/Box**

Packaging Quantity

**250**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

### RECTANGULAR POWER CONNECTORS



### WIRE-TO-BOARD HEADERS & RECEPTACLES



### WIRE-TO-BOARD HEADERS & RECEPTACLES



### RECTANGULAR CONNECTOR HOUSINGS



|  |  |   |  |
|--|--|---|--|
| <p>06P UMNL PIN HDR ASSY<br/>94VO LF<br/>350711-4</p> <p> Save to List</p> <p> Find Similar Products</p> | <p>EIS HSG<br/>1-171825-0</p> <p> Save to List</p> <p> Find Similar Products</p> | <p>9P EIS POST HDR<br/>VERTICAL<br/>171825-9</p> <p> Save to List</p> <p> Find Similar Products</p> | <p>DYNAMIC D-3400F REC<br/>HSG 20P<br/>917249-1</p> <p> Save to List</p> <p> Find Similar Products</p> |
|--|--|---|--|

Products - 2 Results

[View All](#)

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Relation Type

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)


|  |   |   |                                     |
|--|---|---|-------------------------------------|
|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Wire-to-Board Connector<br/>Housings<br/>EI Series   EI Series</p> <p><b>8 POS NATURAL EIS HOUSING - 171822-8</b></p> <p>TE INTERNAL NUMBER: 171822-8</p> <p> Active</p> | <p><b>Always EU RoHS/ELV Compliant</b></p> <p>Centerline <b>2.5 mm</b></p> <p>Number of Positions <b>8</b></p> <p>Number of Rows <b>1</b></p> <p>Color <b>Natural</b></p> <p>Mating Retention <b>With</b></p> | <input checked="" type="checkbox"/> |
|--|---|---|-------------------------------------|

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

|   |  |   |                                     |
|---|--|---|-------------------------------------|
|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Wire-to-Board Connector<br/>Housings<br/>EI Series   EI Series</p> <p><b>REC HSG LP EI SER CONN - 172142-8</b></p> <p>TE INTERNAL NUMBER: 172142-8</p> <p> Active</p> | <p><b>Always EU RoHS/ELV Compliant</b></p> <p>Centerline <b>2.5 mm</b></p> <p>Number of Positions <b>8</b></p> <p>Number of Rows <b>1</b></p> <p>Color <b>Natural</b></p> <p>Mating Retention <b>With</b></p> | <input checked="" type="checkbox"/> |
|---|--|---|-------------------------------------|