



## HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

### TE CONNECTIVITY (TE) 2POS POST HEADER ASSY

El Series | El Series

171826-2  
TE Internal Number: 171826-2

Converted to EU RoHS/ELV Compliant

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

Number of Positions **2**

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 EI Series, Connector

TIF  
Japanese

#### AMP EI Series, Connector

PDF  
Japanese

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

TIF  
English

#### AMP Mass-Termination "EI" 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>
<hr/>		
Configuration Features	Number of Positions	<b>2</b>
	Number of Rows	<b>1</b>
	Number of Positions Applied	<b>2</b>
	Backwall/Post Interruptions	<b>Without</b>
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
<hr/>		
Body Features	Header Type	<b>Shrouded</b>
	Circuit	<b>Standard</b>
<hr/>		
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>
<hr/>		
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 ]**

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

**1000**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

RADIAL-LEADED DEVICES



RHEF070  
RHEF070

WIRE-TO-BOARD CONNECTOR CONTACTS



POSITIVE LOCK REC LP  
170266-2

WIRE-TO-BOARD HEADERS & RECEPTACLES



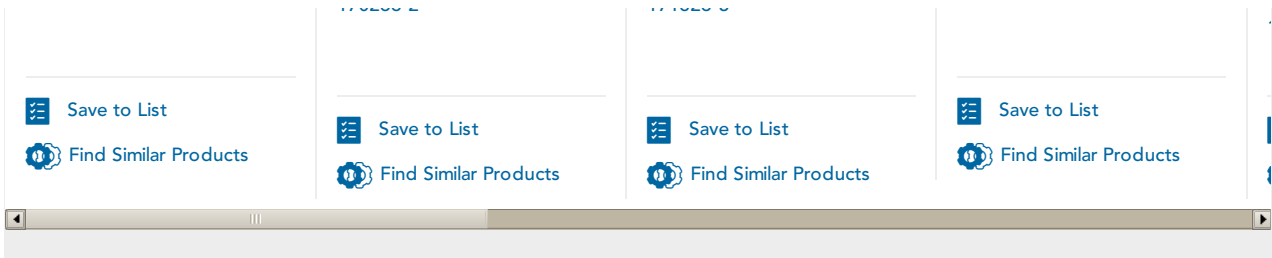
3P POST HEADER ASSY EI  
171826-3

CRIMP RINGS & SPADES



SOLISTRAND RINGTONG  
170721-1





Products - 2 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector  
Housings  
EI Series | EI Series  
**EIS REC. HSG - 171822-2**  
TE INTERNAL NUMBER: 171822-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**  
Number of Positions **2**  
Number of Rows **1**  
Color **Natural**  
Mating Retention **With**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector  
Housings  
EI Series | EI Series  
**LOW PRO EI REC HSG 2P  
- 172142-2**  
TE INTERNAL NUMBER: 172142-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**  
Number of Positions **2**  
Number of Rows **1**  
Color **Natural**  
Mating Retention **With**

