

HEADERS & RECEPTACLES



5 POS EIS POST HDR El Series | El Series

171825-5 TE Internal Number: 171825-5

TE CONNECTIVITY (TE)

Always EU RoHS/ELV Compliant

Centerline **2.5 mm [.098 in]** Number of Positions **5** PCB Mounting Orientation **Vertical** PCB Mounting Style **Through Hole** Number of Rows **1**

| Product | Drawings |
|---------|----------|
| TTOQUEL | Drawings |

POST HEADER ASSY (VERTICAL) AMP EI SERIES CONNECTOR PDF English

CAD Files

J 3D PDF

Customer View Model 2D_DXF.ZIP English

Customer View Model 3D_STP.ZIP English

Customer View Model 3D_IGS.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 "EI" Series Connector TIF English

AMP Mass-Termination "EI" Series Connector PDF English AMP EI Series Connector PDF English

AMP El Series Connector TIF English

Qualification Test Report

9 6 f v

Product Environmental Compliance

TE Material Declaration

MD_171825-5_09062011630 PDF English

Please review product documents or **contact us** for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| Product Type Features | PCB Mounting Orientation | Vertical |
|----------------------------|---|-----------------------|
| | Product Type | Connector |
| | Connector Type | Header |
| | Strain Relief | Without |
| | Profile | Low, Standard |
| | Connector Style | Plug |
| | Applies To | Printed Circuit Board |
| | | |
| Configuration Features | Number of Positions | 5 |
| | Number of Rows | 1 |
| | Number of Positions Applied | 5 |
| | Backwall/Post Interruptions | Without |
| | | |
| Electrical Characteristics | Operating Voltage (VAC) | 250 |
| De du Castura | Usedas Tona | Shrouded |
| Body Features | Header Type Circuit | Standard |
| | Circuit | Standard |
| Contact Features | Contact Mating Area Plating Material | Tin over Copper |
| | Contact Type | Pin |
| | Solder Tail Contact Plating Material | Tin over Copper |
| | Contact Termination Area Plating Thickness (µm) | .8 |
| | Contact Current Rating (A) | 3.5 |
| | Contact Shape | Square |
| | Tail Plating Material | Tin |
| | Contact Termination Area Plating Material | Tin |
| | Contact Base Material | Brass |
| | | |
| Mechanical Attachment | PCB Mounting Style | Through Hole |
| | | |

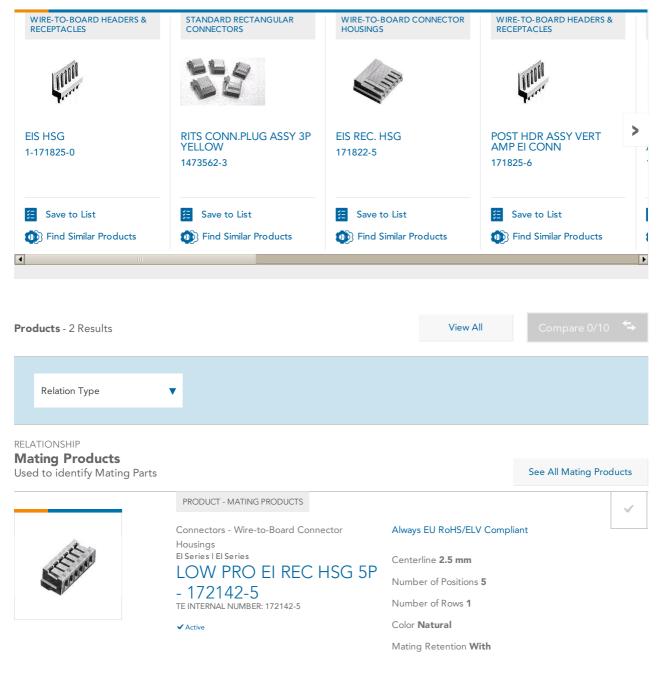
PCB Mount Alignment

Without

| | Mating Retention PCB Mount Retention Panel Mount Retention Contact Retention Mating Alignment Type Mating Retention Type | With Without Without Vithout Polarization With Polarized Lock |
|-----------------------|---|---|
| Housing Features | Centerline Housing Color Housing Material | 2.5 mm [.098 in] Natural 6/6 Nylon |
| Dimensions | Tail Length Wire/Cable Size (mm²) PCB Thickness (Recommended) Wire/Cable Size (CMA) Mating Post Length Length Height Wire/Cable Size (AWG) | 3.6 mm [.142 in] .08 – .33 1.6 mm [.063 in] 159.8 – 642.4 7.5 mm [.295 in] 12.5 mm [.492 in] 10.4 mm [.409 in] 28 – 22 |
| Usage Conditions | Operating Temperature Range (°C) | -20 – 95 |
| Operation/Application | For Use With Pick and Place Cover | Receptacle Assembly Without |
| Industry Standards | UL Flammability Rating CSA Certified Agency/Standard | UL 94V-0 Yes UL |
| Packaging Features | Packaging Method Packaging Quantity | Bag/Box 500 |
| | | |

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT









✓ Active

Always EU RoHS/ELV Compliant

See All Mating Products

Centerline **2.5 mm** Number of Positions **5**

Number of Rows **1**

Color Natural

Mating Retention With