

[Connectors](#) > [PCB Connectors](#) > [Wire-To-Board Connectors](#) > [Headers & Receptacles](#)

# EP2.5 HDR 5P VERT W/O BOSS,TAPING,RED



✓ **ACTIVE**

Economy Power 2.5

TE Part # **1-2299683-5**

TE Internal #: **1-2299683-5**

Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **5**

Centerline (Pitch) : **2.5 mm [ .098 in ]**

 [Add to List](#) ▼

[Similar Products](#)



**ORDER SAMPLES**

**Compatible Parts & Tooling**

## SHOP OUR DISTRIBUTORS (1)

North America ▼

| Distributor                   | Phone Number   | Buy                                                                                                            |
|-------------------------------|----------------|----------------------------------------------------------------------------------------------------------------|
| <b>ARROW ELECTRONICS INC.</b> | 1-855-326-4757 |  <a href="#">Visit Site</a> |
| 4,500 in stock                |                |                                                                                                                |

## We are here to help!

Get in touch with our product experts.



**CHAT WITH US**



**EMAIL US**



**CALL US**

## DOCUMENTS

## FEATURES

## PRODUCT COMPLIANCE

### Product Drawings

EP2.5 HDR 5P VERT W/O BOSS,TAPING,RED

 [EP2.5 HDR 5P VERT W/O BOSS,TAPING,RED](#)

English

### CAD Files

3D PDF

 [3D\\_CVM\\_CVM\\_1-2299683-5\\_A.pdf](#) 3D

Customer View Model

 [ENG\\_CVM\\_CVM\\_1-2299683-5\\_A.2d\\_dxf.zip](#)

English

 [ENG\\_CVM\\_CVM\\_1-2299683-5\\_A.3d\\_igs.zip](#)

English

 [ENG\\_CVM\\_CVM\\_1-2299683-5\\_A.3d\\_stp.zip](#)

English

### Product Specifications

Application Specification

 [ENG\\_SS\\_114-13315\\_G.pdf](#) English

Product Specification

 [ENG\\_SS\\_108-2418\\_H.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

Connector Assembly Type :

**PCB Mount Header**

Connector System : **Wire-to-Board**

Header Type : **Shrouded**

Sealable : **No**

Connector & Contact Terminates To :

**Printed Circuit Board**

Product Type : **Connector**

Connector Type : **Connector Assembly**

Glow Wire Rating : **Standard Part - Not Glow Wire**

## Configuration Features

Selectively Loaded : **No**

PCB Mount Orientation : **Vertical**

Number of Positions : **5**

Number of Rows : **1**

Backwall/Post Interruptions :  
**Without**

## Electrical Characteristics

Operating Voltage (VAC): **250**

## Contact Features

Contact Base Material : **Brass**

Contact Shape : **Round**

Contact Mating Area Plating Material :  
**Tin**

Contact Mating Area Plating Material Finish :  
**Tin**

Contact Mating Area Plating Thickness :  
**2.03  $\mu$ m [ 80  $\mu$ in ]**

Contact Type : **Pin**

Contact Current Rating (Max) (A):  
**4.2**

Contact Style : **Straight**

PCB Contact Termination Area Plating Thickness :  
**2.032  $\mu$ m [ 80  $\mu$ in ]**

Contact Layout : **Inline**

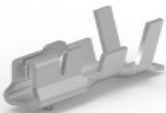
Contact Transmits (Typical) :  
**Power, Signal (Data)**

PCB Contact Termination Area Plating Material :  
**Tin**

Contact Design : **Round Post**

|                         |                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Termination Features    | Termination Method to PC Board :<br><b>Through Hole - Solder</b><br><br>Termination Method to Wire & Cable :<br><b>Solder</b>                                                                                                                                                                                                                         |
| Mechanical Attachment   | PCB Mounting Style : <b>Through Hole</b><br><br>PCB Mount Alignment : <b>Without</b><br><br>Mating Retention : <b>With</b><br><br>PCB Mount Retention : <b>Without</b><br><br>Mating Alignment : <b>With</b><br><br>Mating Retention Type : <b>Latch</b><br><br>Mating Alignment Type : <b>Polarization</b><br><br>Contact Retention : <b>Without</b> |
| Housing Features        | Centerline (Pitch) : <b>2.5 mm [ .098 in ]</b><br><br>Housing Color : <b>Red</b><br><br>Housing Material : <b>PBT</b>                                                                                                                                                                                                                                 |
| Dimensions              | Height : <b>8.8 mm [ .346 in ]</b><br><br>Tail Length : <b>3.4 mm [ .134 in ]</b><br><br>Width : <b>6.4 mm [ .252 in ]</b><br><br>PCB Thickness (Recommended) :<br><b>1.6 mm [ .063 in ]</b><br><br>Length : <b>15 mm [ .59 in ]</b><br><br>Mating Post Length : <b>3.6 mm [ .142 in ]</b>                                                            |
| Usage Conditions        | Operating Temperature Range :<br><b>-55 – 105 °C [ 15 °F ]</b>                                                                                                                                                                                                                                                                                        |
| Operation/Application   | Circuit Application : <b>Power</b><br><br>For Use With : <b>Connector/Cable Assembly</b>                                                                                                                                                                                                                                                              |
| Packaging Features      | Packaging Method : <b>Tape</b><br><br>Packaging Quantity : <b>450</b>                                                                                                                                                                                                                                                                                 |
| Statement of Compliance | <a href="#">Statement of Compliance</a> pdf                                                                                                                                                                                                                                                                                                           |
|                         |                                                                                                                                                                                                                                                                                                                                                       |

# Compatible Parts

|                                                                                                                                                                                           |                                                                                                                                                                                                   |                                                                                                                                                                                                |                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>TE Part # 1969442-5</b><br/>EP 2.5 TPA Housing,<br/>5 Pos</p> <p><a href="#">View Product</a></p> |  <p><b>TE Part # 2232983-1</b><br/>EP 2.5 LIF RCPT<br/>CONTACT, 2... AWG</p> <p><a href="#">View Product</a></p> |  <p><b>TE Part # 1744423-1</b><br/>EP 2.5 RCPT<br/>CONTACT, 2... AWG</p> <p><a href="#">View Product</a></p> |  <p><b>TE Part # 1969443-5</b><br/>EP 2.5 TPA Retainer,<br/>5 Pos</p> <p><a href="#">View Product</a></p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Also in the Series | Economy Power 2.5

|                                                                                                                                         |                                                                                                                                      |                                                                                                                                         |                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PCB Latches, Locks &amp; Retainers (36)</b></p> |  <p><b>Wire-to-Board Connector Contacts (6)</b></p> |  <p><b>Wire-to-Board Connector Housings (196)</b></p> |  <p><b>Wire-to-Board Headers &amp; Receptacles (272)</b></p> |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

About TE Connectivity

For Partners

Customer Support

CALL US

LIVE CHAT

United States

Our Company

Events

TE News Center

Careers

Investors

Corporate Responsibility

Terms and Conditions of Sale

Distributors

Suppliers

 Email or Call Us

 Find Authorized Distributors

 What's New on TE.com

 Product FAQs

Select Country & Language

United States (EN)

Germany (DE)

China (中文)

Japan (日本語)

Find Your Country/Region ▼

[Terms of Use](#) | [Privacy](#) | [Cookie Policy](#) | [Accessibility](#) | [Site Map](#)

© 2018 TE Connectivity. All Rights Reserved.

