

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

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

✓ ACTIVE

Economy Power 2.5

TE Part # **3-2299683-5**

TE Internal #: **3-2299683-5**

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]**

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### DOCUMENTS

### FEATURES

### PRODUCT COMPLIANCE

#### Product Drawings

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#### CAD Files

3D PDF

[3D\\_CVM\\_CVM\\_3-2299683-5\\_A.pdf](#) 3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-2299683-5\\_A.2d\\_dxf.zip](#)  
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English

#### Product Specifications

Application Specification

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

Product Specification

[ENG\\_SS\\_108-2418\\_H.pdf](#) English

#### Agency Approvals

UL Report

[ENG\\_AAD\\_UL\\_E28476\\_20111215\\_1.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  $\mu\text{m}$  [ 80  $\mu\text{in}$  ]**

Contact Type : **Pin**

Contact Current Rating (Max) (A):

**4.2**

Contact Style : **Straight**

PCB Contact Termination Area Plating Thickness :

**2.032  $\mu\text{m}$  [ 80  $\mu\text{in}$  ]**

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 :

**Through Hole - Solder**

Termination Method to Wire & Cable :

**Solder**

Mechanical  
Attachment

PCB Mounting Style : **Through Hole**

PCB Mount Alignment : **Without**

Mating Retention : **With**

PCB Mount Retention : **Without**

Mating Alignment : **With**

Mating Retention Type : **Latch**

Mating Alignment Type : **Polarization**

Contact Retention : **Without**

Housing Features

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

Housing Color : **Black**

Housing Material : **PBT**

Dimensions

Height : **8.8 mm [ .346 in ]**

Tail Length : **3.4 mm [ .134 in ]**

Width : **6.4 mm [ .252 in ]**

PCB Thickness (Recommended) :

**1.6 mm [ .063 in ]**

Length : **15 mm [ .59 in ]**

Mating Post Length : **3.6 mm [ .142 in ]**

Usage Conditions

Operating Temperature Range :

**-55 – 105 °C [ 15 °F ]**

Operation/Application

Circuit Application : **Power**

For Use With : **Connector/Cable  
Assembly**

Packaging  
Features

Packaging Method : **Tape**

Packaging Quantity : **450**



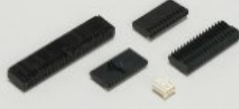

Statement of  
Compliance

[Statement of Compliance pdf](#)

## Compatible Parts

 <p><b>TE Part #</b> 1744417-5 5 POS EP 2.5 HSG, GLOW WIRE</p> <p><a href="#">View Product</a></p>	 <p><b>TE Part #</b> 1969442-5 EP 2.5 TPA Housing, 5 Pos</p> <p><a href="#">View Product</a></p>	 <p><b>TE Part #</b> 2232983-1 EP 2.5 LIF RCPT CONTACT, 2... AWG</p> <p><a href="#">View Product</a></p>	 <p><b>TE Part #</b> 1744423-1 EP 2.5 RCPT CONTACT, 2... AWG</p> <p><a href="#">View Product</a></p>
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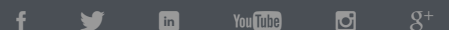
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