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EP2.5 HDR 4P VERT W/O BOSS,TAPING,BLACK

✓ ACTIVE

Economy Power 2.5

TE Part # **3-2299683-4**

TE Internal #: **3-2299683-4**

Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

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

Number of Positions : **4**

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

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Product Drawings

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English

CAD Files

3D PDF

[3D_CVM_CVM_3-2299683-4_A.pdf](#) 3D

Customer View Model

[ENG_CVM_CVM_3-2299683-4_A.2d_dxf.zip](#)
English

[ENG_CVM_CVM_3-2299683-4_A.3d_igs.zip](#)
English

[ENG_CVM_CVM_3-2299683-4_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

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 : **4**

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 μm [80 μin]

Contact Type : **Pin**

Contact Current Rating (Max) (A):

4.2

Contact Style : **Straight**

PCB Contact Termination Area Plating Thickness :

2.032 μm [80 μin]

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 : **12.5 mm [.49 in]**

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

Usage Conditions

Operating Temperature Range :

**-55 – 105 °C [131 – 221
°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



TE Part # 1969442-4
EP 2.5 TPA Housing,
4 Pos

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TE Part # 2232983-1
EP 2.5 LIF RCPT
CONTACT, 2... AWG

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TE Part # 1744423-1
EP 2.5 RCPT
CONTACT, 2... AWG

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TE Part # 1969443-4
EP 2.5 TPA Retainer,
4 Pos

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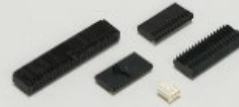
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Retainers (36)



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Connector Housings
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