



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
EP2.5 HDR 3P VERT W/O BOSS, TAPING, YELLOW

Economy Power | Economy Power 2.5

4-2299683-3
TE Internal Number: 4-2299683-3

EU RoHS Compliant
EU ELV Compliant

Connector System Wire-to-Board
Termination Method to Wire/Cable Solder
Sealable No
PCB Mounting Orientation Vertical
Circuit Application Power

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, VERTICAL ECONOMY POWER, 2.5mm CENTERLINE TAPING VERSION
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Economy Power (EP) 2.5 Contacts; Plug And Receptacle Housings; And Vertical And Right-Angle Headers

PDF

English

Product Specification

EP 2.5 Connector System

PDF

English

FEATURES



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 System Wire-to-Board
- Sealable No
- PCB Mounting Orientation Vertical
- Connector & Contact Terminates To Printed Circuit Board
- Product Type Connector
- Connector Type Header
- Connector Style Plug
- Glow Wire Rating Standard Part - Not Glow Wire

Configuration Features

- Number of Positions 3
- Number of Rows 1
- Tail Orientation Inline
- Selectively Loaded No
- Backwall/Post Interruptions Without

Electrical Characteristics

- Operating Voltage (VAC) 250

Body Features

- Color Yellow
- Header Type Shrouded

Contact Features

- Contact Mating Area Plating Material** Tin
- Contact Mating Area Plating Thickness** 2.03 μm [80 μin]
- Contact Current Rating (Max) (A)** 4.2
- Contact Style** Straight
- Contact Base Material** Brass
- Contact Layout** Inline
- Contact Termination Area Plating Material** Tin
- Contact Termination Area Plating Thickness (μin)** 80
- Tail Plating Thickness** 2.032 μm [80 μin]
- Contact Transmits (Typical)** Power, Signal (Data)
- Tail Plating Material** Tin
- Contact Design** Round Post
- Contact Shape** Round
- Contact Type** Pin

Termination Features

- Termination Method to Wire/Cable** Solder
- Termination Method to PC Board** Through Hole - 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 Material** PBT
- Housing Color** Yellow

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** 10 mm [.39 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 900

Statement of Compliance

Statement of Compliance

PDF