



CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

EP2.5 HDR 2P VERT W/O BOSS, TAPING

Economy Power | Economy Power 2.5

2299683-1

TE Internal Number: 2299683-1

EU RoHS Compliant

Not Yet Reviewed for EU ELV

Connector System Wire-to-Board

Number of Positions 2

Centerline (Pitch) 2.5 mm [.098 in]

Termination Method to Wire/Cable Solder

PCB Mounting Orientation Vertical

[↓ 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

Agency Approvals

UL Report

ECONOMY POWER 2.5 CONNECTOR REPORT

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

PCB Mounting Orientation Vertical

Sealable No

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 2

Number of Rows 1

Tail Orientation Inline

Selectively Loaded No

Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Color Natural

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 Natural

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 7.5 mm [.3 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
