



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
EP2.5 HDR 6P VERT W/O BOSS, TAPING, RED

Economy Power | Economy Power 2.5

1-2299683-6
TE Internal Number: 1-2299683-6

Not Yet Reviewed for EU RoHS
Not Yet Reviewed for EU ELV

Connector System Wire-to-Board
Number of Positions 6
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

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 6
- Number of Rows 1
- Tail Orientation Inline
- Selectively Loaded No
- Backwall/Post Interruptions Without

Electrical Characteristics

- Operating Voltage (VAC) 250

Body Features

- Color Red
- 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 Red

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 17.5 mm [.69 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