



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
EP 05P V-HDR ASY NO 4 PIN
[Economy Power](#) | [Economy Power](#)

2-1744435-5
TE Internal Number: 2-1744435-5

[EU RoHS Compliant](#)
[Not Yet Reviewed for EU ELV](#)

Connector System Wire-to-Board
Number of Positions 5
Centerline (Pitch) 3.96 mm [.156 in]
PCB Mounting Orientation Vertical
PCB Mounting Style Through Hole

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY-ECONOMY POWER VERTICAL, W/RETENTION PEGS, GLOW WIRE
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

Catalog Pages/Data Sheets

MTA, CST-100 II, SL-156 And AMP Economy Power (EP) Connectors

PDF

English

Product Specifications

Application Specification

Economy Power Receptacles, Housing, And Headers

PDF

English

Product Specification

Economy Power (EP) Connector

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_2-1744435-5_1009201528_dmtec

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
Header Type Unshrouded
Sealable No
Connector & Contact Terminates To Printed Circuit Board
Gasket Without
Glow Wire Rating Glow Wire
Boss With
Product Type Connector
Connector Type Header
Post Type Solder Post
Connector Style Plug
Profile Standard
Board Standoff Without
Strain Relief Without
Shielded No
PCB Orientation Feature No

Configuration Features

Selectively Loaded Yes
Stackable No
Number of Contacts Loaded 4
Connector Configuration Standard
Number of Columns 5
Number of Positions 5
Number of Rows 1
Tail Orientation Inline
Number of Positions Applied 4
Backwall/Post Interruptions Without
Post Numbers Omitted 4
Posted Contacts With
Number of Power Positions 5
Preloaded Yes
Solder Tail Orientation Inline

Electrical Characteristics

Hot Pluggable No
Operating Voltage (VAC) 250
Insulation Resistance 500 MΩ
Operating Voltage (VDC) 250

Body Features

Color Natural
Post Plating Material Tin
Daisy Chain Without
Post Material Brass

Contact Features

Solder Tail Contact Plating Material Tin

Underplate Material Nickel

Contact Mating Area Plating Material Tin

Contact Mating Area Plating Thickness 3 μm [118 μin]

Contact Current Rating (Max) (A) 8

Contact Base Material Brass

Contact Style Straight

Contact Layout Inline

Contact Termination Area Plating Material Tin

Contact Transmits (Typical) Power

Tail Plating Material Tin

Contact Type Tab

Contact Plating Material Tin

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Method Through Hole

Contact Termination Type Through Hole

Termination Style Printed Circuit Board

Termination End Plating Material Tin

Mechanical Attachment

Mating Connector Lock Type Latch

Panel Mount Feature Without

Mating Connector Lock With

PCB Mounting Style Through Hole

PCB Mount Alignment With

PCB Mount Alignment Type Pegs

Mating Retention With

PCB Mount Retention With

PCB Mount Retention Type Tabs

Lock Type Latch

Contact Retention Without

Center Fastener Without

Mating Alignment Without

Mating Retention Type Latch

Housing Features

Centerline (Pitch) 3.96 mm [.156 in]

Housing Color Natural

Housing Material PA66

Dimensions

Width 8.21 mm [.323 in]

Height 9.4 mm [.37 in]

Tail Length 3.7 mm [.145 in]

Mating Post Length 7.7 mm [.303 in]

Usage Conditions

Operating Temperature Range -25 – 105 °C [-13 – 221 °F]

Housing Temperature Rating Standard

Temperature Rating Standard

Operation/Application

Pick and Place Cover Without
For Use With Receptacle Housing

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag

Packaging Quantity 500

Other

Number of Blocked Positions 1

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF