



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

EP CONN.HDR ASSY 6/7POS-W/O NO.2

Economy Power | Economy Power

2-1565036-6

TE Internal Number: 2-1565036-6

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Centerline (mm) 3.96

Number of Positions 6

Centerline (Pitch) (in) .156

PCB Mounting Orientation Vertical

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

3.96MM PITCH ECONOMY POWER(EP) CONN HEADER ASSY

PDF

English

ECONOMY POWER (EP) CONN HEADER ASSY 3.96MM PITCH SPECIAL

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

Product Specification

Economy Power (EP) Connector

PDF

English

EP II Connector System

PDF

English

Application Specification

Economy Power (EP)-II Contacts And Receptacle Housings

PDF

English

Crimping Economy Power (EP) Contact

PDF

Japanese

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
- Glow Wire Rating Standard Part - Not Glow Wire
- Wire/Cable Type Stranded
- Product Type Connector
- Applies To Printed Circuit Board
- Connector Type Header
- Sealed No
- Connector Style Plug
- Strain Relief Without

Configuration Features

- Number of Positions 6
- Number of Rows 1
- Tail Orientation Inline
- Selectively Loaded Yes
- Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Header Type Unshrouded

Contact Features

Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness .8 µm [31.49 µin]
Contact Style Straight
Contact Base Material Brass
Contact Layout Inline
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness .8 µm [31.49 µin]
Tail Plating Thickness 1 µm [39.37 µin]
Contact Transmits (Typical) Power
Tail Plating Material Tin
Contact Type Pin
Contact Design Square Post

Termination Features

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
Panel Mount Retention Without
Contact Retention Without
Mating Alignment With
Mating Retention Type Latch

Housing Features

Centerline (mm) 3.96
Centerline (Pitch) (in) .156
Housing Color Natural
Housing Material PBT GF

Dimensions

Width 10.7 mm [.421 in]
Height 8.5 mm [.3346 in]
Wire/Cable Size (AWG) 22 – 16
Tail Length 3.7 mm [.146 in]
Mating Post Length 7.7 mm [.303 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 27.66 mm [1.0889 in]
Wire/Cable Size (mm²) .326

Usage Conditions

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

Operation/Application

For Use With Receptacle Assembly
Pick and Place Cover Without

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag

Statement of Compliance

Statement of Compliance
PDF