



✓ 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
