



CONNECTORS

HEADERS & RECEPTACLES



Obsolete

TE CONNECTIVITY (TE)

V-TYPE E.I.S.CONN. 7P ASSY

[EI Series](#) | [EI Series](#)

4-171825-7

TE Internal Number: 4-171825-7

[EU RoHS Compliant](#)

[EU ELV Compliant](#)

Number of Positions 7

Centerline (Pitch) 2.5 mm [.098 in]

PCB Mounting Orientation Vertical

PCB Mounting Style Through Hole

Number of Rows 1

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

POST HEADER ASSY (VERTICAL) AMP EI SERIES CONNECTOR

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

3D_IGS.ZIP

English

3D PDF

PDF

English

Product Specifications

Product Specification

AMP EI Series, Connector

TIF

Japanese

AMP EI Series, Connector

PDF

Japanese

AMP Mass-Termination "EI" Series Connector

TIF

English

AMP Mass-Termination "EI" Series Connector

PDF

English

Agency Approvals

Agency Approval Document

Economy Interconnection (E.I.) System 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

PCB Mounting Orientation Vertical

Header Type Shrouded

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Connector Type Header

Profile Low, Standard

Connector Style Plug

Strain Relief Without

Configuration Features

Number of Positions 7

Number of Rows 1

Number of Positions Applied 7

Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Circuit Standard

Contact Features

Solder Tail Contact Plating Material Tin over Copper

Contact Shape Square

Contact Mating Area Plating Material Tin over Copper

Contact Current Rating (Max) (A) 3.5

Contact Base Material Brass

Contact Termination Area Plating Material Tin

Contact Termination Area Plating Thickness (µm) .8

Tail Plating Material Tin

Contact Type Pin

Mechanical Attachment

Panel Mount Feature Without

PCB Mounting Style Through Hole

PCB Mount Alignment Without

Mating Retention With

PCB Mount Retention Without

PCB Mount Retention Type Retention Solder Tails

Mating Alignment With

Mating Retention Type Polarized Lock

Mating Alignment Type Polarization

Contact Retention Without

Housing Features

Centerline (Pitch) 2.5 mm [.098 in]

Housing Material 6/6 Nylon

Housing Color Blue

Dimensions

Height 10.4 mm [.409 in]

Tail Length 3.6 mm [.142 in]

PCB Thickness (Recommended) 1.6 mm [.063 in]

Length 17.5 mm [.689 in]

Wire/Cable Size (AWG) 28 – 22

Wire/Cable Size (mm²) .08 – .33

Wire/Cable Size (CMA) 159.8 – 642.4

Mating Post Length 7.5 mm [.295 in]

Usage Conditions

Operating Temperature Range (°C) -20 – 95

Operation/Application

Pick and Place Cover Without

For Use With Receptacle Assembly

Industry Standards

Agency/Standard UL

CSA Certified Yes

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag/Box

Packaging Quantity 500

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
