



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
1.0 WTB SR VT HDR 7 POS

[HPI](#) | [HDR](#)

1734595-7
TE Internal Number: 1734595-7

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Connector System Wire-to-Board
Number of Positions 7
Centerline (Pitch) 1 mm [.039 in]
PCB Mounting Orientation Vertical
PCB Mounting Style Surface Mount

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

1.0 MM PITCH WIRE TO BOARD CONNECTOR, HEADER, SMT, VERTICAL TYPE.

PDF
English

CAD Files

3D PDF
PDF
English

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

Wire To Board Serial, SMT, Pitch 1.0

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** Shrouded
- Sealable** No
- Connector & Contact Terminates To** Printed Circuit Board
- Product Type** Connector
- Connector Type** Header
- Connector Style** Plug
- Strain Relief** Without
- Wire/Cable Type** Discrete Wire

Configuration Features

- Selectively Loaded** No
- Number of Positions** 7
- Number of Rows** 1
- Tail Orientation** Straight
- Backwall/Post Interruptions** Without

Electrical Characteristics

- Operating Voltage (VAC)** 50
- Operating Voltage (VDC)** 50

Body Features

- Post Plating Material** Tin over Nickel
- Post Material** Phosphor Bronze

Contact Features

Contact Mating Area Plating Material Nickel
Contact Mating Area Plating Thickness 3.048 μm [120 μin]
Contact Current Rating (Max) (A) .8
Contact Base Material Phosphor Bronze
Contact Plating Material Tin over Nickel
Contact Layout Inline
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness 3.05 μm [120 μin]
Contact Termination Area Plating Material Finish Matte
Contact Plating Material Finish Tin: Matte
Contact Type Pin

Termination Features

Termination Method to PC Board Surface Mount
Contact Termination Type Surface Mount
Termination Post Length .028 in, .7 mm

Mechanical Attachment

PCB Mounting Style Surface Mount
PCB Mount Alignment Without
Mating Retention Without
PCB Mount Retention With
PCB Mount Retention Type Solder Peg
Mating Alignment With
Mating Alignment Type Polarization
Contact Retention Without

Housing Features

Centerline (Pitch) 1 mm [.039 in]
Housing Material High Temperature Thermoplastic
Housing Color Ivory

Dimensions

Height 4.3 mm [.169 in]
Width 5.1 mm [.2 in]
Length 9.3 mm [.366 in]
Wire/Cable Size (AWG) 28

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

Operation/Application

Pick and Place Cover With
For Use With 1470364-x

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tape
Packaging Quantity 1000



Statement of Compliance

Statement of Compliance

PDF