



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
2.5 S.D.L. HDR 3P STD V O/TAPE
[Signal Double Lock](#) | [Signal Double Lock](#)

316880-1
TE Internal Number: 316880-1

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

Connector System Wire-to-Board
Number of Positions 3
Centerline (Pitch) 5 mm [.197 in]
Termination Method to Wire/Cable Solder
PCB Mounting Orientation Vertical

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings
ON TAPING 2.5MM SIGNAL DBL LOCK 5MM PITCH HDR ASS'Y (V)
PDF [\(TIFF AVAILABLE\)](#)
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

2.5 Signal DBL Lock Connector

PDF

English

Instruction Sheets

Instruction Sheet (non U.S.)

AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES

PDF

English

AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES

TIF

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
- Profile High
- Connector Style Receptacle
- Glow Wire Rating Standard Part - Not Glow Wire
- Strain Relief Without

Configuration Features

- Number of Positions 3
- Number of Rows 1
- Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Operating Voltage (VDC) 250

Contact Features

Underplate Material Copper

Contact Shape Square

Contact Mating Area Plating Material Pre-Tin

Contact Mating Area Plating Thickness .8 µm [31.49 – 98.42 µin]

Contact Current Rating (Max) (A) 5

Contact Base Material Brass

Underplate Material Thickness .5 – 1.2 µm, 19.68 – 47.24 µin

Contact Layout Inline

Contact Termination Area Plating Material Pre-Tin

Contact Termination Area Plating Thickness .8 µm [31.49 – 98.42 µin]

Contact Transmits (Typical) Signal (Data)

Contact Size .64

Contact Type Tab

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Method to Wire/Cable Solder

Mechanical Attachment

PCB Mounting Style Through Hole

PCB Mount Alignment Without

Mating Retention With

PCB Mount Retention Without

Mating Alignment With

Mating Retention Type Latch

Mating Alignment Type Polarization

Contact Retention Without

Housing Features

Centerline (Pitch) 5 mm [.197 in]

Housing Material Nylon 6/6 GF

Housing Color Natural

Dimensions

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

Usage Conditions

Operating Temperature Range -30 – 105 °C [-22 – 221 °F]

Operation/Application

For Use With Receptacle Connector

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tape

Packaging Quantity 450

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance

PDF