



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
2.5 S.D.LOCK HDR 4P ON TAPE

Signal Double Lock | Signal Double Lock

316881-1
TE Internal Number: 316881-1

EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector System Wire-to-Board
Number of Positions 4
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

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

Agency Approvals
CSA Certificate

2.5MM SIGNAL DOUBLE LOCK 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

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 4
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