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CONNECTORS

HEADERS & RECEPTACLES







✔ Active

TE CONNECTIVITY (TE)

2.5MM SDL 3/5P POST HDR ASSY S

Signal Double Lock | Signal Double Lock

1903813-1
TE Internal Number: 1903813-1

EU RoHS Compliant
EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 3

Centerline (Pitch) 2.5 mm [.098 in]

Termination Method to Wire/Cable Solder

PCB Mounting Orientation Vertical

PRODUCT DRAWING
Japanese

3D PDF

DOCUMENTATION

Product Drawings

2.5MM SIGNAL DBL-LOCK 3/5P POST HEADER ASSY

PDF **(TIFF AVAILABLE)**

Japanese

CAD Files

Customer View Model

2D_DXF.ZIP

English

3D PDF

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PDF

3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Conditions Of 2.5mm Signal Double Lock Contacts

PDF

English

Conditions Of 2.5mm Signal Double Lock Contacts

TIF

English

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

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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 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 Style Straight
Underplate Material Thickness .5 – 1.2 µm, 19.68 – 47.24 µin
Contact Base Material Brass
Contact Layout Inline
Tail Plating Thickness (µm) .8
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
Tail Plating Material Pre-Tin
Contact Type Tab

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Method to Wire/Cable Solder

Mechanical Attachment

Panel Mount Feature Without
PCB Mounting Style Through Hole
PCB Mount Alignment With
PCB Mount Alignment Type Boss
Mating Retention With
PCB Mount Retention With
PCB Mount Retention Type Kinked
Mating Alignment With
Mating Retention Type Latch
Mating Alignment Type Polarization
Contact Retention Without

Housing Features

Centerline (Pitch) 2.5 mm [.098 in]
Housing Material Nylon
Housing Color Natural

Dimensions

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Tail Length 3.2 mm [.126 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length (mm) 15
Height (mm) 9.8
Wire/Cable Size (AWG) 26 – 20
Wire/Cable Size (mm^2) .129 – .518
Mating Post Length (in) .185

Usage Conditions

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

Operation/Application

Pick and Place Cover Without
For Use With Receptacle Assembly

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag
Packaging Quantity 150

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

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