



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

2.5 S.D.L POST HDR ASY 8P STD

Signal Double Lock | Signal Double Lock

917786-1

TE Internal Number: 917786-1

Always EU RoHS/ELV Compliant

Centerline **2.5 mm [.098 in]**

Number of Positions **8**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
Japanese

3D PDF

Product Drawings

[2.5mm SIGNAL DBL-LOCK 8P POST HEADER ASS'Y](#)

PDF (TIFF AVAILABLE)
Japanese

[2.5mm SIGNAL DBL-LOCK 8P POST HEADER ASS'Y](#)

PDF (TIFF AVAILABLE)
Japanese

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

Product Specifications

Product Specification

[2.5 Signal DBL Lock Connector](#)

PDF
English

Application Specification

[Conditions Of 2.5mm Signal Double Lock Contacts](#)

PDF
English

[Conditions Of 2.5mm Signal Double Lock Contacts](#)

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_917786-1_0100001448_Japanese](#)

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

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 |
| | Product Type | Connector |
| | Connector Type | Header |
| | Connector System | Wire-to-Board |
| | Strain Relief | Without |
| | Profile | Standard |
| | Sealed | No |
| | Glow Wire Rating | Glow Wire |
| | Connector Style | Receptacle |
| | Applies To | Printed Circuit Board |

| | | |
|------------------------|---------------------|----------|
| Configuration Features | Number of Positions | 8 |
| | Number of Rows | 1 |

| | | |
|----------------------------|-------------------|--------------------------|
| Electrical Characteristics | Operating Voltage | 50 VAC [50 VDC] |
|----------------------------|-------------------|--------------------------|

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|---------------|-------------|-----------------|
| Body Features | Header Type | Shrouded |
|---------------|-------------|-----------------|

| | | |
|------------------|--|---------------------------------------|
| Contact Features | Contact Mating Area Plating Material | Pre-Tin |
| | Contact Mating Area Plating Thickness | .8 μm [31.49 – 98.42 μin] |
| | Underplate Material | Copper |
| | Contact Termination Area Plating Thickness | .8 μm [31.49 – 98.42 μin] |
| | Contact Size | .64 |
| | Underplate Material Thickness | .5 – 1.2 μm, 19.68 – 47.24 μin |
| | Contact Style | Straight |
| | Contact Shape | Square |
| | Tail Plating Material | Pre-Tin |

| | |
|---|------------------------------------|
| Contact Termination Area Plating Material | Pre-Tin |
| Tail Plating Thickness | .8 μm [31.49 – 98.42 μin] |
| Contact Type | Tab |
| Contact Transmits (Typical) | Signal (Data) |
| Contact Current Rating (A) | 3 |
| Contact Layout | Inline |
| Contact Base Material | Brass |

| | | |
|----------------------|----------------------------------|------------------------------|
| 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 | With |
| | PCB Mount Alignment Type | Locating Posts |
| | Mating Retention | With |
| | PCB Mount Retention | With |
| | PCB Mount Retention Type | Kinked |
| | Contact Retention | Without |
| | Mating Alignment Type | Polarization |
| | Mating Retention Type | Latch |
| | Mating Alignment | With |

| | | |
|------------------|------------------|---------------------------|
| Housing Features | Centerline | 2.5 mm [.098 in] |
| | Housing Color | Natural |
| | Housing Style | Standard Profile |
| | Housing Material | Nylon 6/6 GF |

| | | |
|------------|-----------------------------|---------------------------|
| Dimensions | Tail Length | 3.2 mm [.126 in] |
| | Mating Post Length | 4.7 mm [.18 in] |
| | PCB Thickness (Recommended) | 1.6 mm [.063 in] |
| | Height | 9.8 mm [.38 in] |
| | Length (mm) | 22.5 |

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

| | | |
|-----------------------|--------------|---------------------|
| Operation/Application | For Use With | Plug Housing |
|-----------------------|--------------|---------------------|

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Bag/Box

Packaging Quantity

150

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 1 Results

[View All](#)

Compare 0/10 

Relation Type 

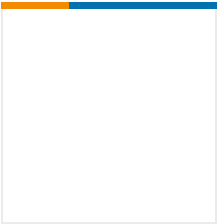
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
Signal Double Lock | Signal Double Lock
2.5 SIGNAL D/LOCK
PLUG HSG 8P - 917692-1
TE INTERNAL NUMBER: 917692-1

 Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**

Number of Positions **8**

Number of Rows **1**

Color **Natural**

Mating Retention **With**