



## HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

### 2.5 S.D.L POST HDR ASY 6P STD

Signal Double Lock | Signal Double Lock

917784-1

TE Internal Number: 917784-1

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

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 6P POST HEADER ASS'Y](#)

PDF (**TIFF AVAILABLE**)  
Japanese

[2.5mm SIGNAL DBL-LOCK 6P POST HEADER ASS'Y](#)

PDF (**TIFF AVAILABLE**)  
Japanese

#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.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

#### Product Environmental Compliance

TE Material Declaration

[MD\\_917784-1\\_0422201447\\_dmtec](#)

PDF  
English

#### Instruction Sheets

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

Configuration Features	Number of Positions	<b>6</b>
	Number of Rows	<b>1</b>

Electrical Characteristics	Operating Voltage	<b>50 VAC [ 50 VDC ]</b>
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Body Features	Header Type	<b>Shrouded</b>
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Contact Features	Contact Mating Area Plating Material	<b>Pre-Tin</b>
	Contact Mating Area Plating Thickness	<b>.8 μm [ 31.49 – 98.42 μin ]</b>
	Underplate Material	<b>Copper</b>
	Contact Termination Area Plating Thickness	<b>.8 μm [ 31.49 – 98.42 μin ]</b>
	Contact Size	<b>.64</b>
	Underplate Material Thickness	<b>.5 – 1.2 μm, 19.68 – 47.24 μin</b>
	Contact Style	<b>Straight</b>
	Contact Shape	<b>Square</b>
	Tail Plating Material	<b>Pre-Tin</b>
	Contact Termination Area Plating Material	<b>Pre-Tin</b>
	Tail Plating Thickness	<b>.8 μm [ 31.49 – 98.42 μin ]</b>

	Contact Type	<b>Tab</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Layout	<b>Inline</b>
	Contact Base Material	<b>Brass</b>
Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Method to Wire/Cable	<b>Solder</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Alignment	<b>With</b>
	PCB Mount Alignment Type	<b>Locating Posts</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Kinked</b>
	Contact Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Retention Type	<b>Latch</b>
Mating Alignment	<b>With</b>	
Housing Features	Centerline	<b>2.5 mm [ .098 in ]</b>
	Housing Color	<b>Natural</b>
	Housing Style	<b>Standard Profile</b>
	Housing Material	<b>Nylon 6/6 GF</b>
Dimensions	Tail Length	<b>3.2 mm [ .126 in ]</b>
	Mating Post Length	<b>4.7 mm [ .18 in ]</b>
	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Height	<b>9.8 mm [ .38 in ]</b>
	Length (mm)	<b>17.5</b>
Usage Conditions	Operating Temperature Range	<b>-30 – 105 °C [ -22 – 221 °F ]</b>
Operation/Application	For Use With	<b>Plug Housing</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>

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 6P - 917690-1**

TE INTERNAL NUMBER: 917690-1

 Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**

Number of Positions **6**

Number of Rows **1**

Color **Natural**

Mating Retention **With**