



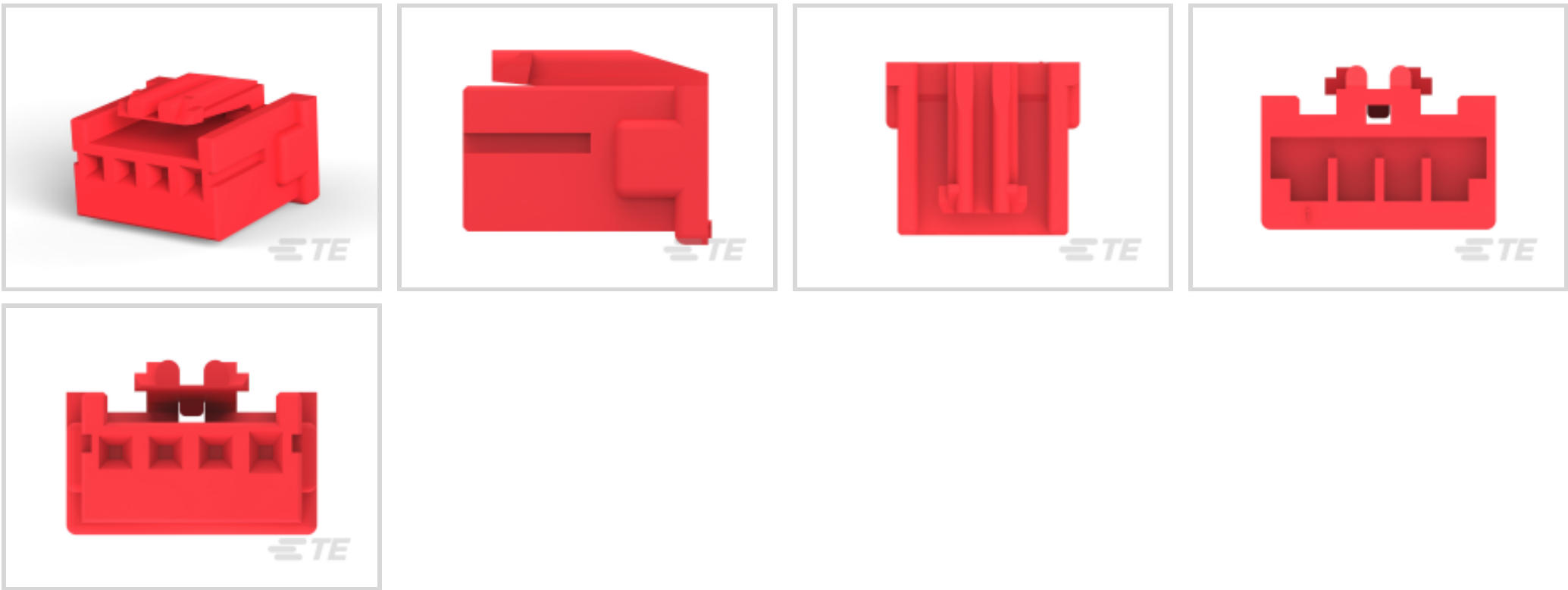
AMP Signal Double Lock

TE Internal #: 917688-2

Housing, Plug, Wire-to-Wire, 4 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Red, Mating Retention, Wire & Cable, AMP Signal Double Lock

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > STD Temp Signal Double Lock Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **2.5 mm [ .098 in ]**

[All STD Temp Signal Double Lock Plug \(35\)](#)

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector Product Type            | Housing      |
| Connector & Housing Type          | Plug         |
| Connector System                  | Wire-to-Wire |
| Sealable                          | No           |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows      | 1 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |     |
|-----------------------|-----|
| Primary Product Color | Red |
|-----------------------|-----|

Contact Features

|                              |        |
|------------------------------|--------|
| Contact Layout               | Inline |
| Contact Type                 | Socket |
| Contact Current Rating (Max) | 3 A    |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Mating Retention Type   | Latch                      |
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Nylon 6/6       |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

|           |          |
|-----------|----------|
|           | 11 in    |
| Wire Size | .518 mm² |

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                        |           |
|------------------------|-----------|
| Glow Wire Rating       | Glow Wire |
| UL Flammability Rating | UL 94V-0  |

Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 400       |
| Packaging Method   | Bag & Box |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)





|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                        |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                                                                                                                                            |                                                                                                                                                               |                                                                                                                                                        |                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>TE Part # CAT-SI261-R2435<br/>Signal Double Lock Receptacle</div> |  <div>TE Part # CAT-SI261-C1701<br/>STD Temp Signal Double Lock Cap</div> |  <div>TE Part # CAT-SI261-T669<br/>Signal Double Lock TPA</div>   |  <div>TE Part # 917782-1<br/>2.5 S.D.L POST HDR ASY 4P STD</div>   |
|  <div>TE Part # 917724-2<br/>2.5MM SDL 4P, HDR ASSY, HIGH, RED</div>    |  <div>TE Part # 316223-1<br/>2.5 S.D.L HI-PRO V 4P ON/TAPE</div>          |  <div>TE Part # 917896-1<br/>2.5 S.D.L STD V 4P HDR ON/TAPE</div> |  <div>TE Part # 2-917782-2<br/>2.5 S.D.L HDR ASSY STD 4P RED</div> |



TE Part # 316401-1  
2.5 SIGNAL D/L REC CONT. M L/P

TE Part # 917782-4  
2.5 S.D.L HDR ASSY 4P STD

TE Part # 234605-1  
EXT-TOOL

TE Part # 316533-2  
2.5 S.D.L HDR V STD 4P IN TUBE

TE Part # 1-917700-1

Also in the Series | AMP Signal Double Lock

Connector Caps & Covers(1)

Connector Contacts(14)

Connector Hardware(19)

Connector Seals & Cavity Plugs(10)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(144)

Rectangular Connector Housings(23)

Rectangular Power Connectors(3)

Standard Rectangular Connectors(1)

Wire-to-Board Connector Assemblies & Housings(76)

Customers Also Bought



Documents

Product Drawings

SIGNAL DOUBLE LOCK PLUG HSG 4P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_917688-2\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_917688-2\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_917688-2\_P.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

1773458-3\_2.5MM\_SIGNAL\_DOUBLE\_LOCK\_CONNECTORS

English

Product Specifications

Application Specification

English

917688-2

Housing, Plug, Wire-to-Wire, 4 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Red, Mating Retention, Wire & Cable, AMP Signal Double Lock

