

917687-1 ✓ ACTIVE

AMP Signal Double Lock

TE Internal #: 917687-1

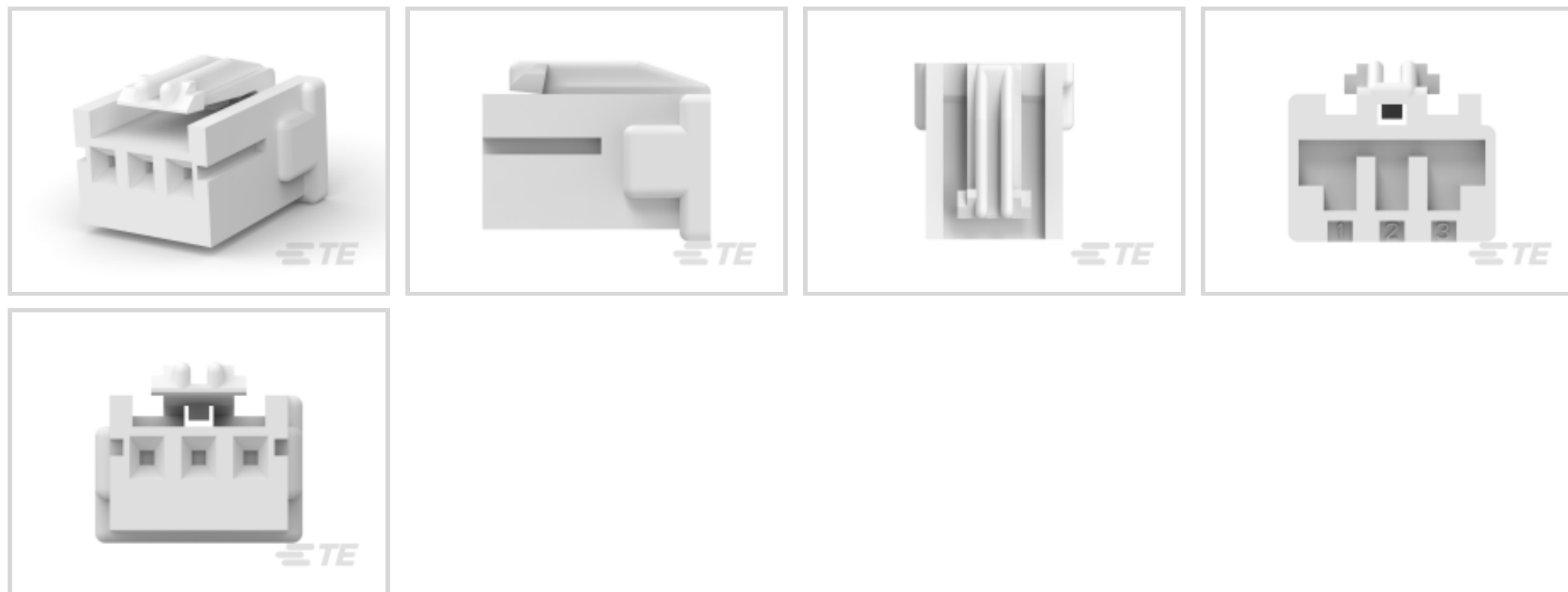
Housing, Plug, Wire-to-Wire, 3 Position, 2.5 mm [.098 in] Centerline,
Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, AMP
Signal Double Lock

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STD Temp Signal Double Lock Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **3**

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 | 3 |
| Number of Rows | 1 |

Electrical Characteristics

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

Body Features

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



| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

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 mm ² |

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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

| | | | |
|--|--|---|--|
|  <p>TE Part # CAT-SI261-C1701 STD Temp Signal Double Lock Cap</p> |  <p>TE Part # CAT-SI261-R2435 Signal Double Lock Receptacle</p> |  <p>TE Part # 917723-1 2.5 SIGNAL D/LOCK HDR ASSY 3P</p> |  <p>TE Part # 917895-1 2.5 S.D.L STD V 3P HDR ON/TAPE</p> |
|  <p>TE Part # 917781-1 2.5 S.D.L POST/HDR ASY 3P STD</p> |  <p>TE Part # 316879-1 2.5 S.D.LOCK 2P HDR ON TAPE</p> |  <p>TE Part # 316222-1 2.5 S.D.L HI-PRO V 3P ON/TAPE</p> |  <p>TE Part # 316432-1 2.5 S.D.L HDR ASSY 2P STD</p> |




TE Part # 1-917781-1
2.5MM SDL-LOCT,,3P HDR AS



TE Part # 2-917723-1
2.5 S.D.L HDR ASSY 3P H-PRO



TE Part # 2-917781-1
2.5 S.D.L POST/HDR ASY 3P STD



TE Part # 2-917781-9
2.5 S.D.L POST/HDR ASY 3P STD



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



TE Part # 917781-2
2.5 SDL POST HDR 3P STD W/O BO



TE Part # 917781-9
2.5 S.D.L POST/HDR ASY 3P STD




TE Part # 917895-6
2.5 S.D.L STD V 3P HDR ON/TAPE



TE Part # 917895-9
2.5 S.D.L HDR V 3P RADIAL TAPE



TE Part # 1123037-1
2.5 S.D.L HI-PRO HDR ASSY NAT




TE Part # 234605-1
EXT-TOOL




TE Part # 316880-1
2.5 S.D.L. HDR 3P STD V O/TAPE


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)



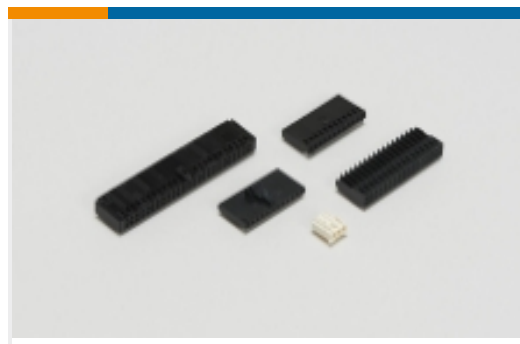
Rectangular Connector Housings(23)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)



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

Customers Also Bought

TE Part #917690-1
STD Temp Signal Double Lock PlugTE Part #316090-1
STD Temp Signal Double Lock CapTE Part #173630-6
070 MLC REC CONT 24-22TE Part #2-2119582-1
Crimper, Insulation F PremiumTE Part #175065-1
CONTACT 22-18 AWG 0.30 X 17.0 SSTE Part #175065-2
CONTACT 22-18 AWG 0.30 X 17.0 SS

Documents

Product Drawings

2.5 SIGNAL D/LOCK PLUG HSG 3P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_917687-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917687-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917687-1_L.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

Agency Approvals

[UL Report](#)

English