

2108504-1 ✓ ACTIVE



AMP Signal Double Lock

TE Internal #: 2108504-1

Housing, Plug, Wire-to-Wire, 18 Position, .098 in [2.5 mm]

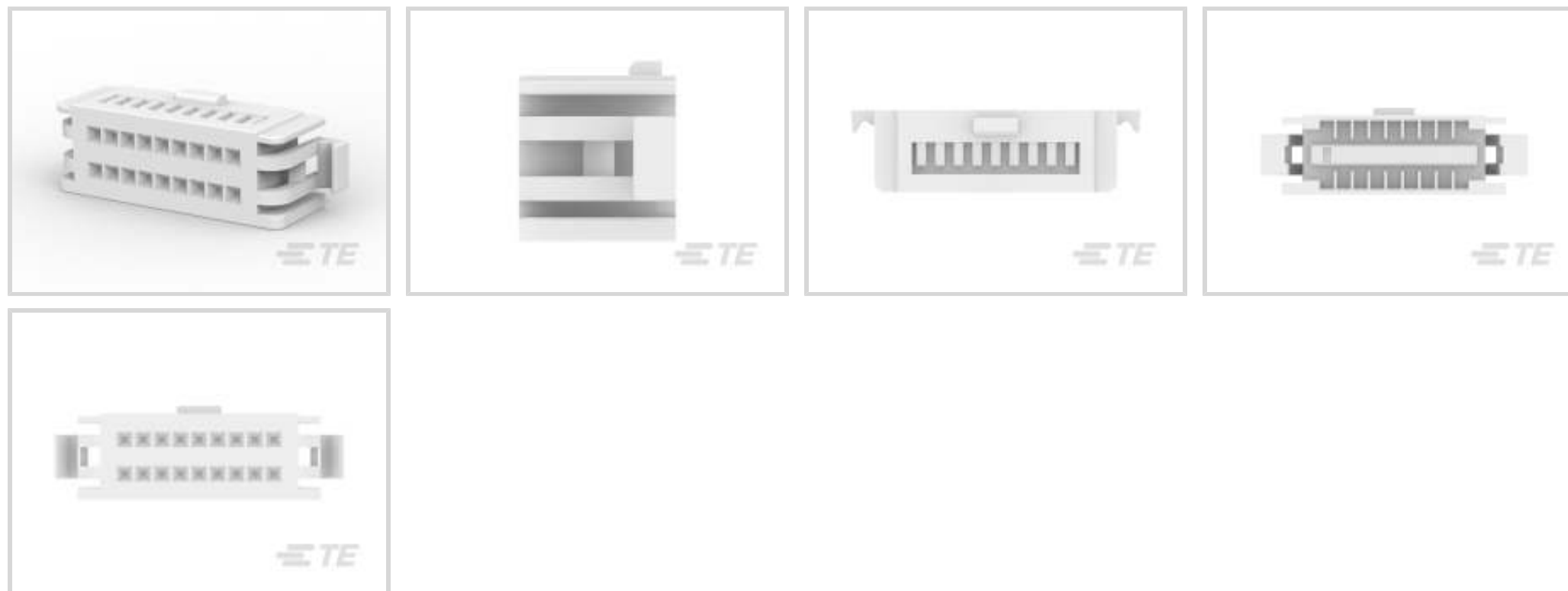
Centerline, Crimp, 2 Row, Natural, Mating Retention, Wire & Cable,

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: **18**

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 | 18 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Body Features

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



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

Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | PA 66 |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

| | |
|--------------------|-----------------------------|
| Connector Length | 38.97 mm |
| Connector Height | 11.6 mm |
| Wire Size | .326 – .518 mm ² |
| Row-to-Row Spacing | 4.6 mm[.181 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|--------------------|-----------|
| Packaging Quantity | 600 |
| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 reviewed for solder process capability |



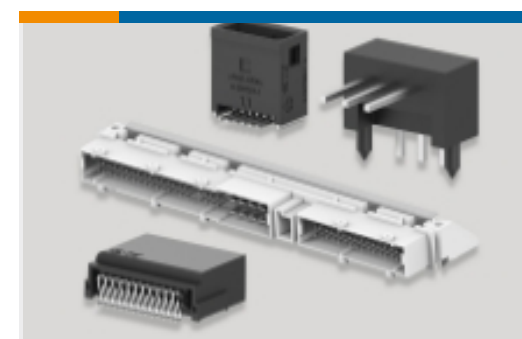




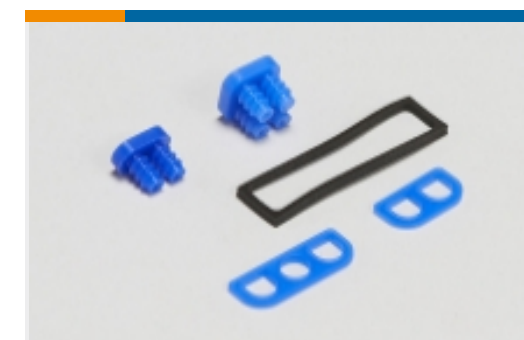

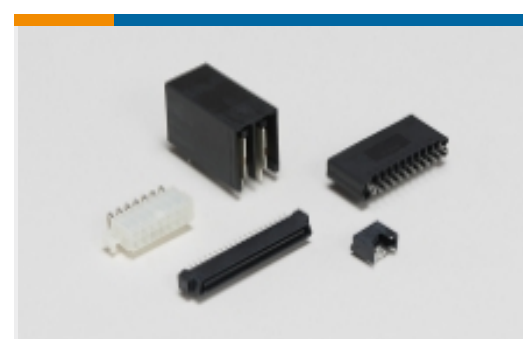
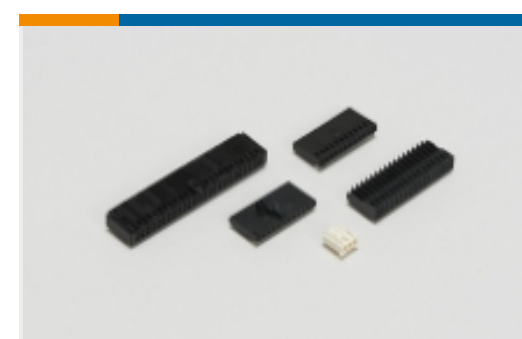

Product Compliance Disclaimer

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>


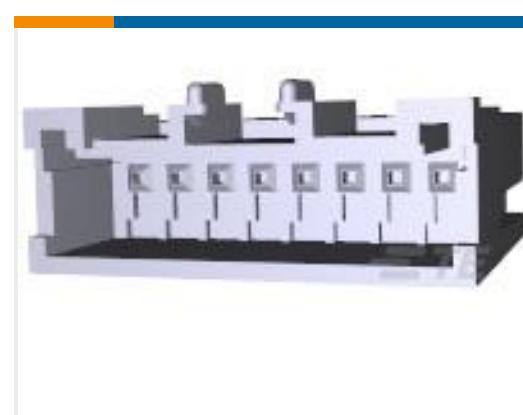


Compatible Parts

| | | | |
|--|--|---|---|
|  <p>TE Part # CAT-SI261-P729 STD Temp Signal Double Lock Plug</p> |  <p>TE Part # 2108505-1 2.5 SDL 18P CAP HSG 2ROW</p> |  <p>TE Part # 1376477-3 2.5MM PITCH SIGNAL MATE CONN</p> |  <p>TE Part # 1376477-2 2.5MM PITCH SIGNAL MATE CONN</p> |
|--|--|---|---|

Also in the Series | [AMP Signal Double Lock](#)

| | | | |
|---|--|---|---|
|  |  |  |  |
| Connector Contacts(8) | Insertion & Extraction Tools(1) | PCB Headers & Receptacles(144) | PCB Latches, Locks & Retainers(17) |
|  |  |  |  |
| Rectangular Caps & Covers(1) | Rectangular Connector Housings(23) | Rectangular Connector Locking(2) | Rectangular Connector Seals(10) |
|  |  |  |  |
| Rectangular Power Connectors(3) | Standard Rectangular Connectors(1) | Wire-to-Board Connector Assemblies & Housings(76) | Wire-to-Board Connector Contacts(6) & Housings(76) |

Customers Also Bought

| | | | |
|---|--|---|---|
|  |  |  |  |
| TE Part #917690-1 STD Temp Signal Double Lock Plug | TE Part #316092-1 2.5 SIGNAL D/LOCK CAP HSG 8P | TE Part #917708-1 Signal Double Lock TPA | TE Part #917701-1 2.5 SIGNAL DBL LOCK DLP 5P |

Documents

Product Drawings

2.5 SDL 18P PLUG HSG 2ROW

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_2108504-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108504-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108504-1_E.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English