

2108504-1 ✓ ACTIVE



## AMP Signal Double Lock

TE Internal #: 2108504-1

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

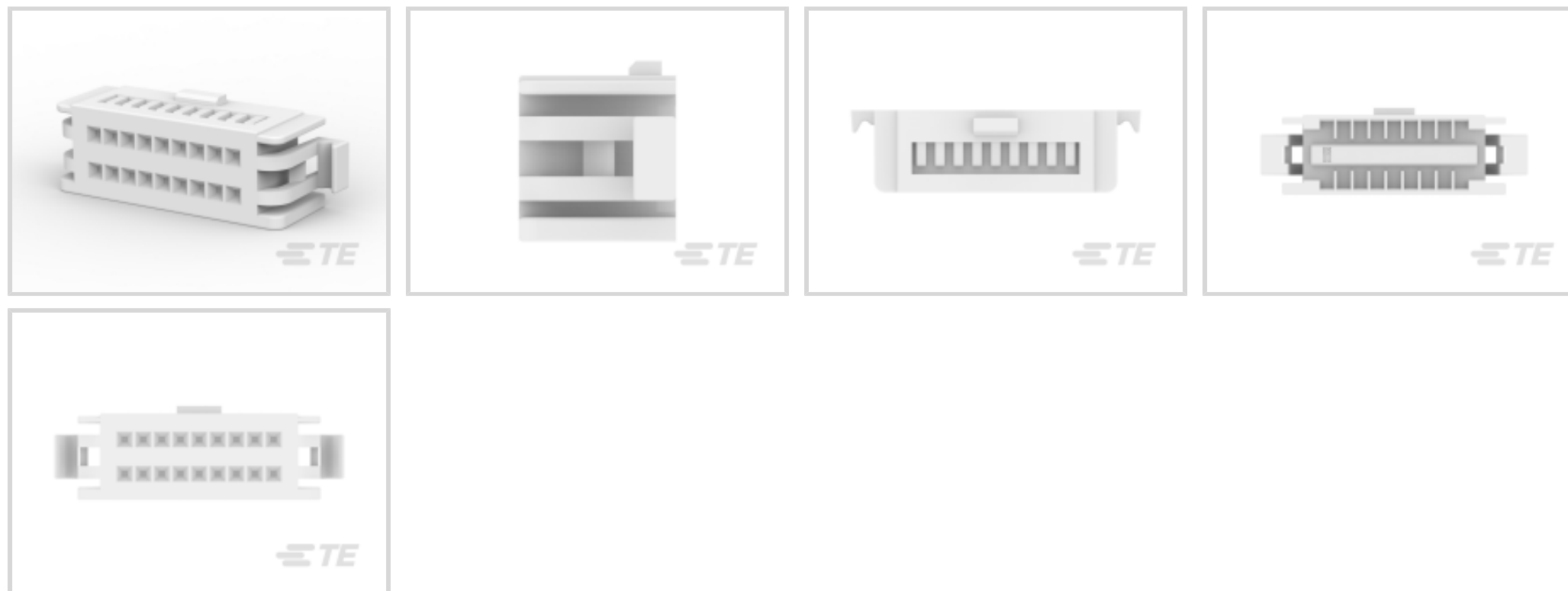
Centerline, Crimp, 2 Row, Natural, Mating Retention, Wire & Cable,

AMP Signal Double Lock

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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: **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
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### Contact Features

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Contact Type	Socket
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Contact Current Rating (Max)	3 A
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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

Housing Material	PA 66
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Centerline (Pitch)	2.5 mm [.098 in]
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Housing Color	Natural
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### Dimensions

Connector Length	38.97 mm
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Connector Height	11.6 mm
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Wire Size	.326 – .518 mm <sup>2</sup>
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Row-to-Row Spacing	4.6 mm [.181 in]
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### Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	600
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Packaging Method	Bag & Box
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



TE Part # CAT-SI261-P729  
STD Temp Signal Double Lock Plug



TE Part # 2108505-1  
2.5 SDL 18P CAP HSG 2ROW



TE Part # 1376477-3  
2.5MM PITCH SIGNAL MATE CONN



TE Part # 1376477-2  
2.5MM PITCH SIGNAL MATE CONN

### Also in the Series | AMP Signal Double Lock



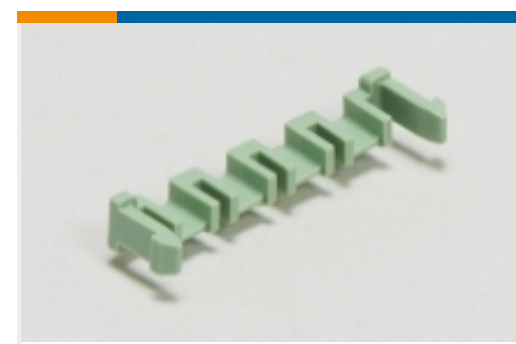
Connector Contacts(8)



Insertion &amp; Extraction Tools(1)



PCB Headers &amp; Receptacles(145)



PCB Latches, Locks &amp; Retainers(17)



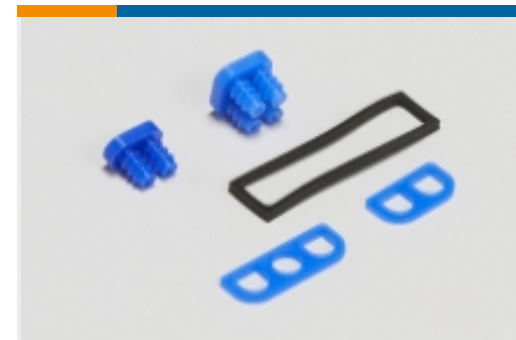
Rectangular Caps &amp; Covers(1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



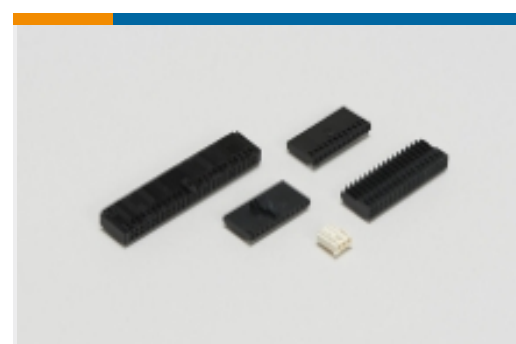
Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)

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

Wire-to-Board Connector Contacts(6)

## 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

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



## Product Specifications

### Product Specification

English

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## Agency Approvals

### Agency Approval Document

English