

1746063-1 ✓ ACTIVE



## AMP Signal Double Lock

TE Internal #: 1746063-1

Housing, Plug, Wire-to-Wire, 14 Position, 2.5 mm [.098 in]

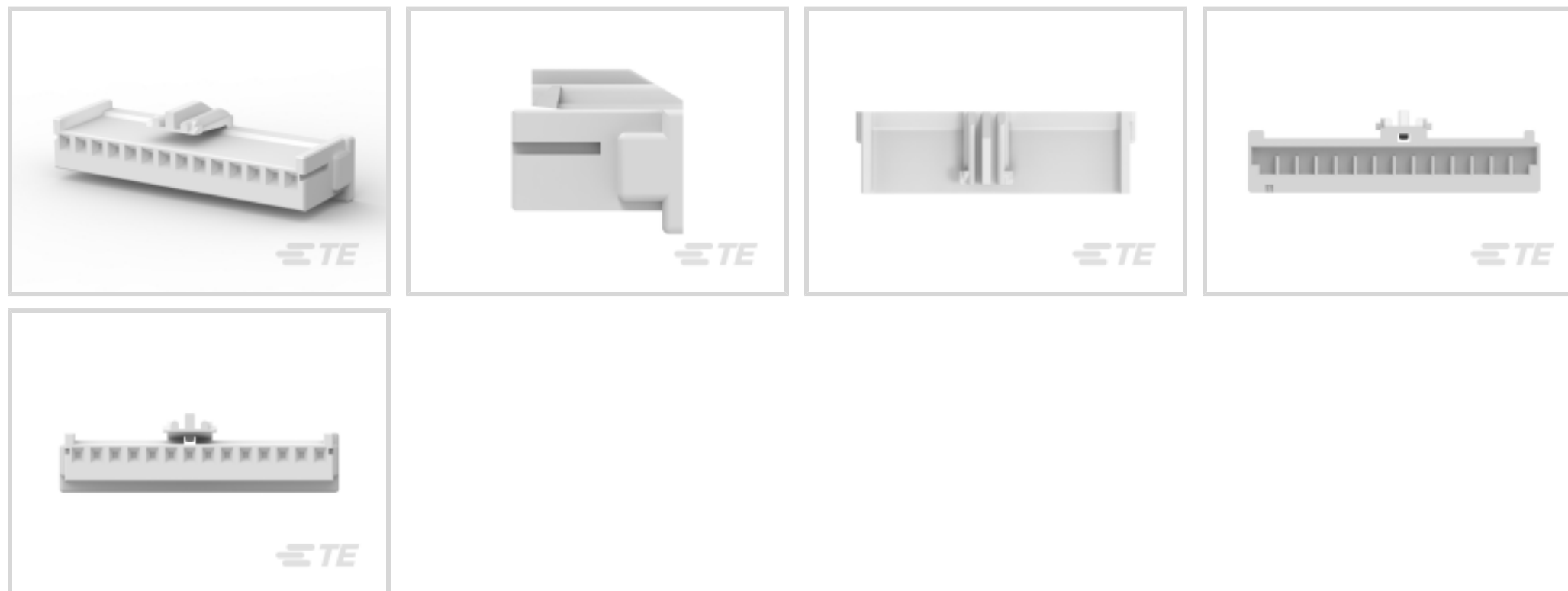
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,

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: **14**

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	14
Number of Rows	1

### Electrical Characteristics

Operating Voltage	50 VAC
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### Contact Features

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

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### 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	Nylon 6/6
Centerline (Pitch)	2.5 mm [.098 in]
Housing Color	Natural

#### Dimensions

Connector Length	37.5 mm [1.474 in]
Connector Height	9.1 mm [.358 in]

#### 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

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

#### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

#### 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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




TE Part # 2108504-1  
2.5 SDL 18P PLUG HSG 2ROW



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



TE Part # 1746076-1  
2.5SDL DBL 14P HSG NAT



TE Part # 1743492-1  
BLOWER MOTOR 3P PLUG HSG



TE Part # 1746062-1  
2.5SDL HDR 14P STD ASSY NAT



TE Part # 1746062-2  
2.5SDL HDR 14P STD ASSY RED



TE Part # 2-1376477-4  
2.5MM PITCH SIGNAL MATE CONN

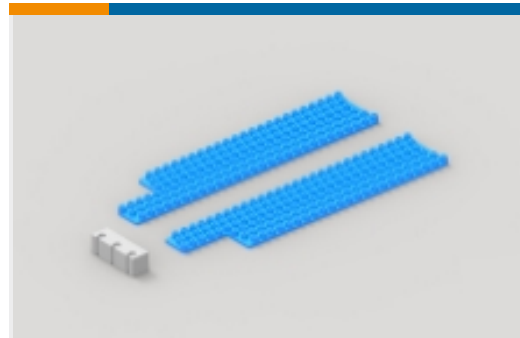
## Also in the Series | AMP Signal Double Lock



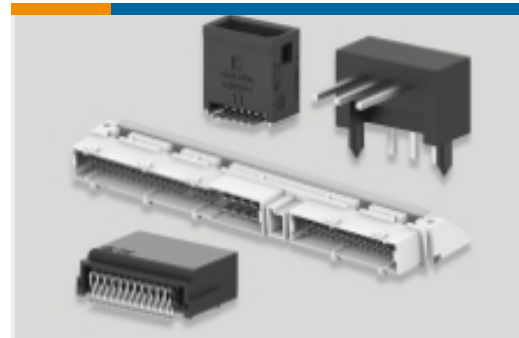
Connector Contacts(8)



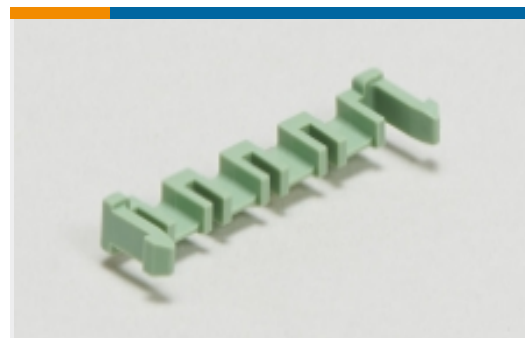
Insertion & Extraction Tools(1)



PCB Connector Seals(1)



PCB Headers & Receptacles(145)



PCB Latches, Locks & Retainers(17)



Rectangular Caps & Covers(1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



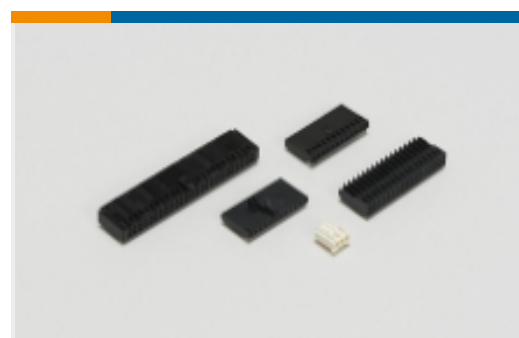
Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(74)



Wire-to-Board Connector Contacts(6)

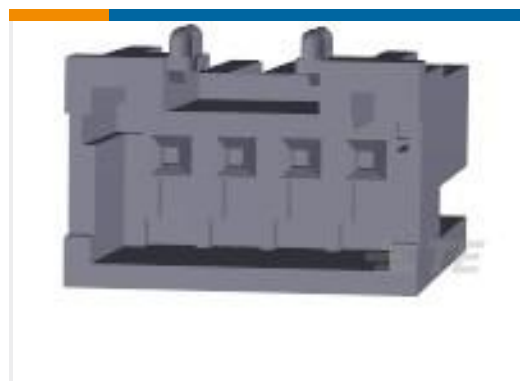
## Customers Also Bought



TE Part #917690-1  
STD Temp Signal Double Lock Plug



TE Part #917708-1  
Signal Double Lock TPA



TE Part #316088-1  
2.5 SIGNAL D/LOCK CAP HSG 4P



TE Part #917706-1  
2.5 SIGNAL DBL LOCK DLP 10P



## Documents

### Product Drawings

#### 2.5SDL PLUG HSG 14P NAT

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1746063-1\\_F.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1746063-1\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1746063-1\\_F.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

### Product Environmental Compliance

#### TE Material Declaration

English