

2108640-1 ✓ ACTIVE



## AMP Signal Double Lock

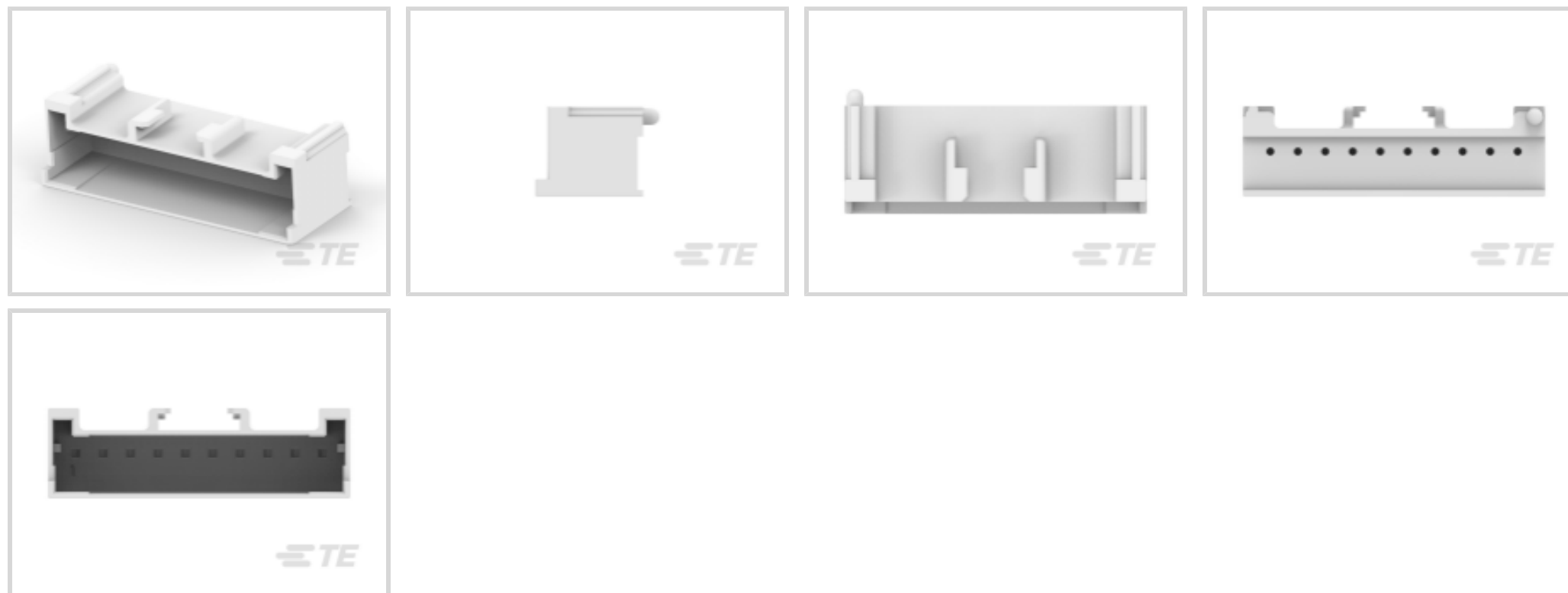
TE Internal #: 2108640-1

Housing, Receptacle, Wire-to-Board, 10 Position, 2.5 mm [.098 in]  
Centerline, Crimp, 1 Row, Natural, Mating Retention, 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 Header



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **10**

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

[All STD Temp Signal Double Lock Header \(6\)](#)

## Features

### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	10
Number of Rows	1

### Electrical Characteristics

Operating Voltage	50 VAC
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### Body Features

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Connector Profile	Standard
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### Contact Features

Contact Layout	Inline
Contact Type	Tab

### Termination Features

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

PCB Mount Alignment Type	Boss
Strain Relief	Without
Contact Retention Type Within Housing	Double Lock Plate
PCB Mount Alignment	With
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Board Mount

### Housing Features

Housing Material	Nylon 6/6 GF
Centerline (Pitch)	2.5 mm [.098 in]
Housing Color	Natural

### Dimensions

Connector Length	27.5 mm [1.08 in]
Connector Height	8.2 mm [.322 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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### Packaging Features

Packaging Quantity	2000
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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 917730-1  
2.5 SIGNAL D/LOCK HDR ASSY 10P



TE Part # 1376478-3  
2.5MM SIGNAL MATE CONN HEADER



TE Part # 1376478-2  
2.5 SMC HDR 2POS WHITE (LP)



TE Part # 917788-1  
2.5 S.D.L POST HDR ASY 10P STD



TE Part # CAT-SI261-H342  
STD Temp Signal Double Lock Header



TE Part # 2-917788-1  
2.5 S.D.L POST HDR ASY 10P STD

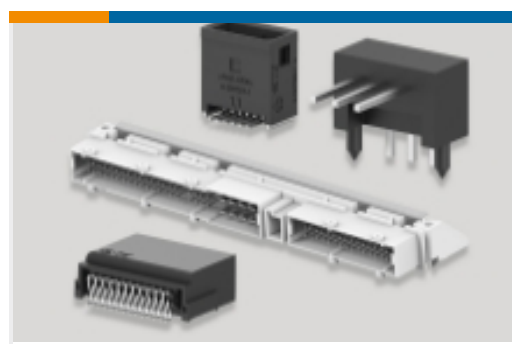
## Also in the Series | AMP Signal Double Lock



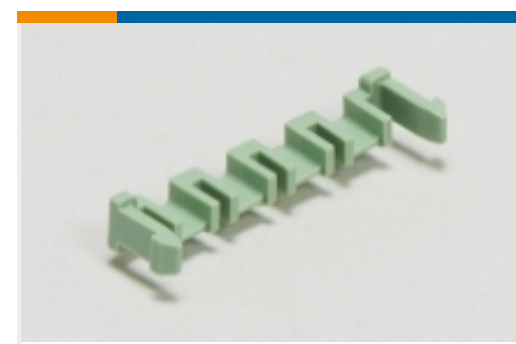
Connector Contacts(8)



Insertion &amp; Extraction Tools(1)



PCB Headers &amp; Receptacles(145)



PCB Latches, Locks &amp; Retainers(17)



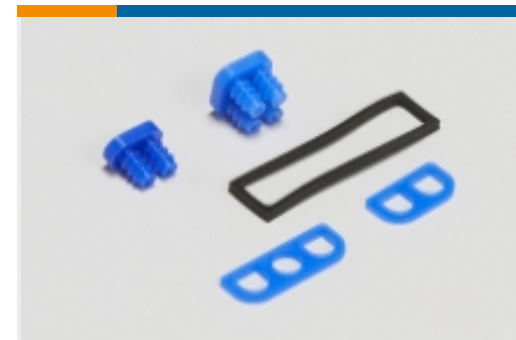
Rectangular Caps &amp; Covers(1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



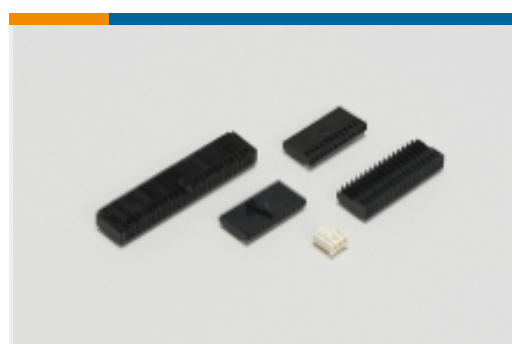
Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)

Wire-to-Board Connector Assemblies  
& Housings(76)Wire-to-Board Connector Contacts(6)  
& Housings(76)

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2108640-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2108640-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2108640-1\\_A.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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1 Row, Natural, Mating Retention, AMP Signal Double Lock

