

AMP Signal Double Lock

TE Internal #: 2108641-1

Housing, Receptacle, Wire-to-Board, 11 Position, 2.5 mm [.098 in]

Centerline, Crimp, 1 Row, Natural, Printed Circuit Board, 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: **11**

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

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

Features

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VDC |
|-------------------|--------|

Contact Features

| | |
|----------------------------------|--------|
| Contact Layout | Inline |
| Contact Retention Within Housing | With |
| Contact Type | Tab |

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Bag |
| Packaging Quantity | 2000 |

Dimensions

| | |
|------------------|-----------------|
| Connector Height | 8.2 mm[.322 in] |
| Connector Length | 30 mm[1.181 in] |



Mechanical Attachment

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

Body Features

| | |
|-----------------------|----------|
| Connector Profile | Standard |
| Primary Product Color | Natural |

Housing Features

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

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 | 11 |
| Number of Rows | 1 |

Termination Features

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

Usage Conditions

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

Operation/Application

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|



| | |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

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 | 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 # 917731-1
2.5 S.D.L P.HDR ASY 11P H/PRO.



TE Part # 1376478-4
2.5MM SIGNAL MATE CONN HEADER



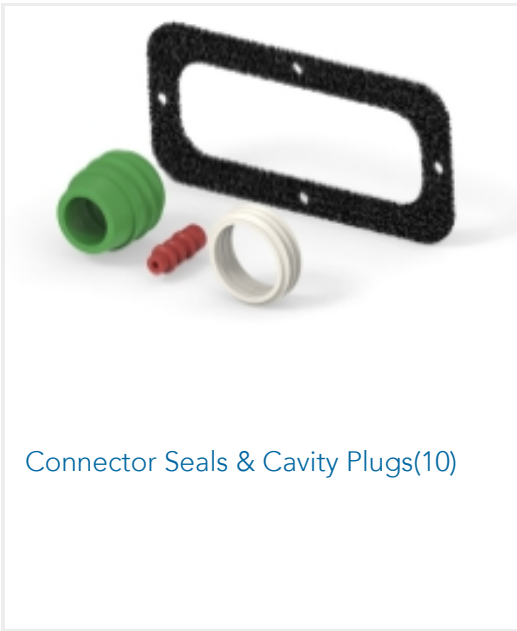
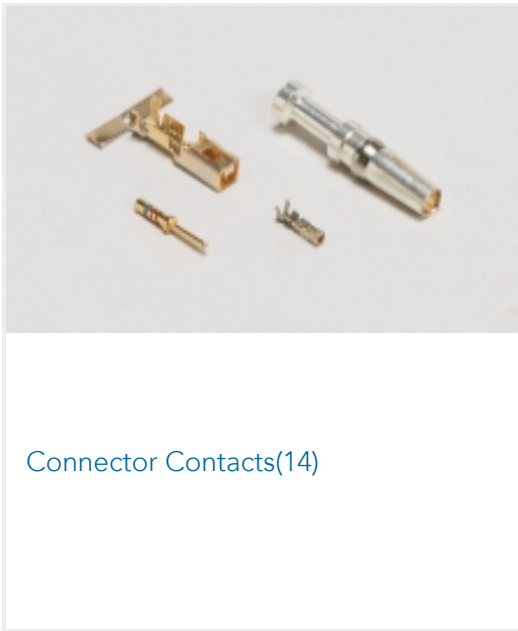
TE Part # CAT-SI261-H342
STD Temp Signal Double Lock Header



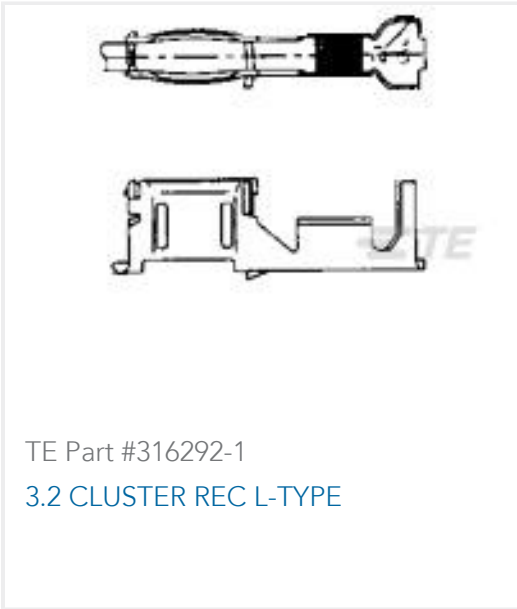
TE Part # 1376478-2
2.5 SMC HDR 2POS WHITE (LP)



Also in the Series | AMP Signal Double Lock



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2108641-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2108641-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2108641-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English