

2108641-1  ACTIVE

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

[View on TE.com >](#)



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



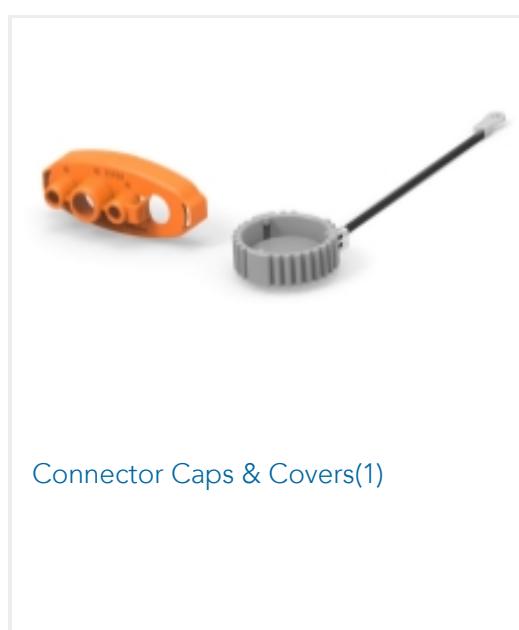
TE Part # 1376478-2
2.5 SMC HDR 2POS WHITE (LP)



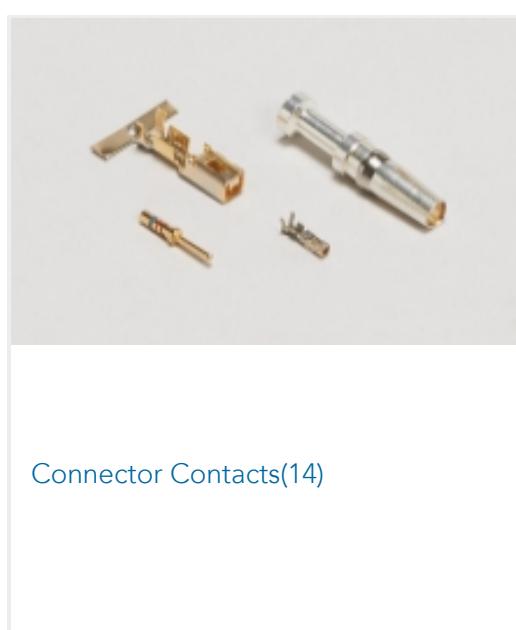
TE Part # 1376478-3
2.5MM SIGNAL MATE CONN HEADER

TE Part # 917789-1
2.5 S.D.L POST HDR ASY 11P STD

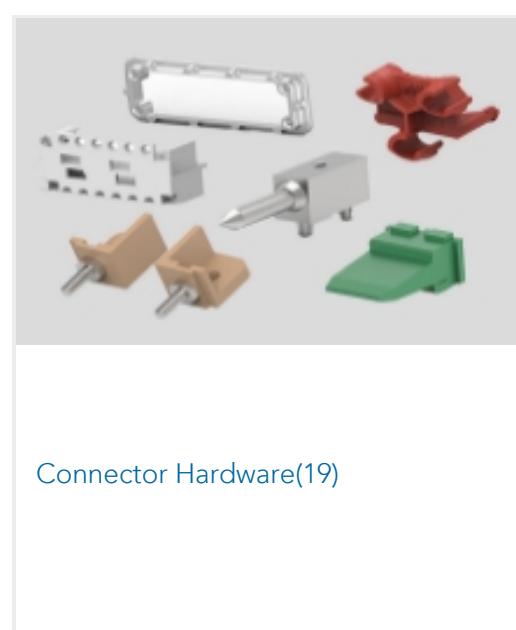
Also in the Series | AMP Signal Double Lock



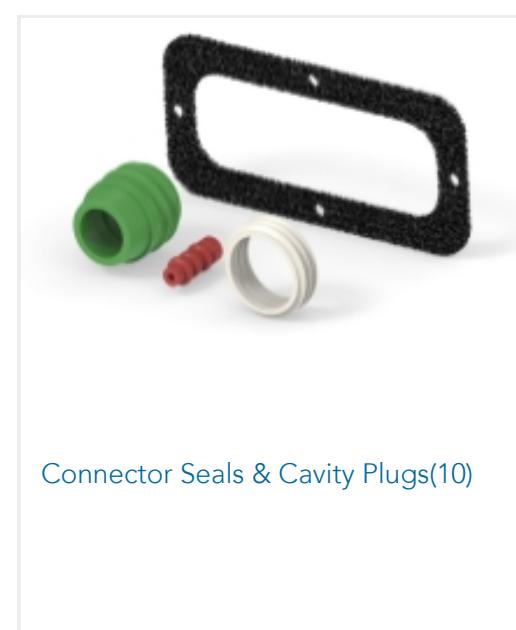
Connector Caps & Covers(1)



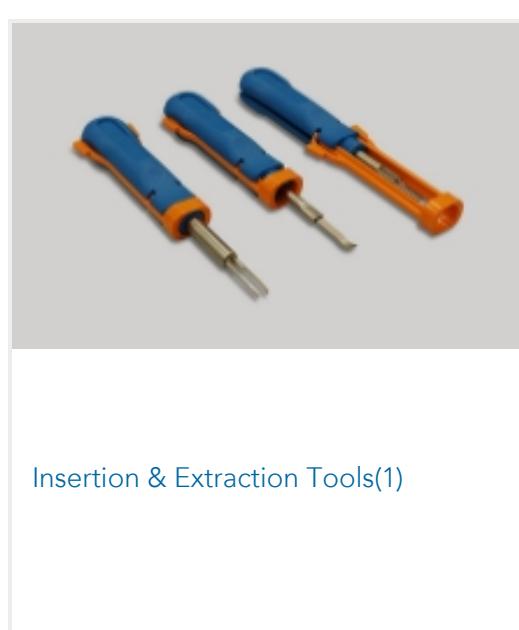
Connector Contacts(14)



Connector Hardware(19)



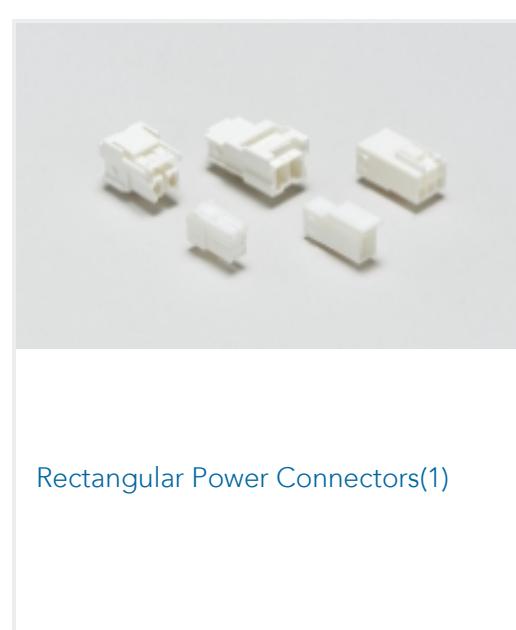
Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(146)



Rectangular Power Connectors(1)



Wire-to-Board Headers & Receptacles(146)

Customers Also Bought



TE Part #316094-1
2.5 SIGNAL D/LOCK CAP HSG 10P



TE Part #36189
BUDG R 22-16 COMM 22-18 MIL 4



TE Part #1625854-4
1206 PROBE PAD



TE Part #1825910-7
FSM4JAH=6MM TACT SWITCH, HIGH TEMP



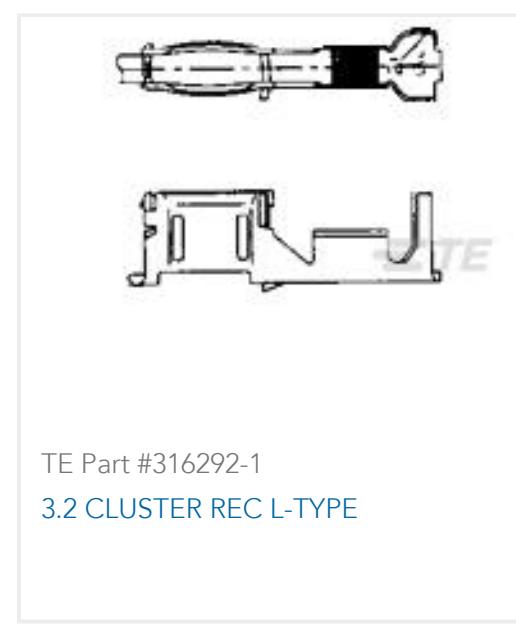
TE Part #61436-2
RING 22-16 AWG TPBR



TE Part #1625854-3
0603 PROBE PAD



TE Part #60700-2
RING CRIMP 20-16 AWG TPBR



TE Part #316292-1
3.2 CLUSTER REC L-TYPE



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