



AMP Signal Double Lock

TE Internal #: 2108640-1

Housing, Receptacle, Wire-to-Board, 10 Position, .098 in [2.5 mm]

Centerline, Crimp, 1 Row, Natural, Mating Retention, 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: **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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Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
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Contact Type	Tab
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

PCB Mount Alignment Type	Boss
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Strain Relief	Without
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Contact Retention Type Within Housing	Double Lock Plate
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PCB Mount Alignment	With
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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	Board Mount
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Housing Features

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

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

Packaging Quantity	2000
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Packaging Method	Bag
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1376478-2
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 # 1376478-3
2.5MM SIGNAL MATE CONN 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 Caps & Covers(1)

Connector Contacts(14)

Connector Hardware(19)

Connector Seals & Cavity Plugs(10)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(144)

Rectangular Connector Housings(23)

Rectangular Power Connectors(3)

Standard Rectangular Connectors(1)

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

Customers Also Bought

TE Part #440452-000
RT-3-NO.1-0-2.25IN

TE Part #521081-1
ULTRA-POD 250 ASSY REC 18-14
AWG BR

TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P
NYLON GREEN

TE Part #1-853088-0
ANVIL

TE Part #1385719-1
UP.250 STRAIGHT SA110F220F LM

TE Part #1855118-1
U POD .187 STRAIGHT SAPR090F140F
LM & G

TE Part #2-1241817-3
STD TIM HOUSING MKII 3POS

TE Part #63496-1
POWER RING TERMINAL TAB 16-10
AWG BR



TE Part #1217972-2
250 FASTON,FLAG,REC.,18-14 AWG,
NPST

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

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Product Specifications

Application Specification

English