

AMP Signal Double Lock

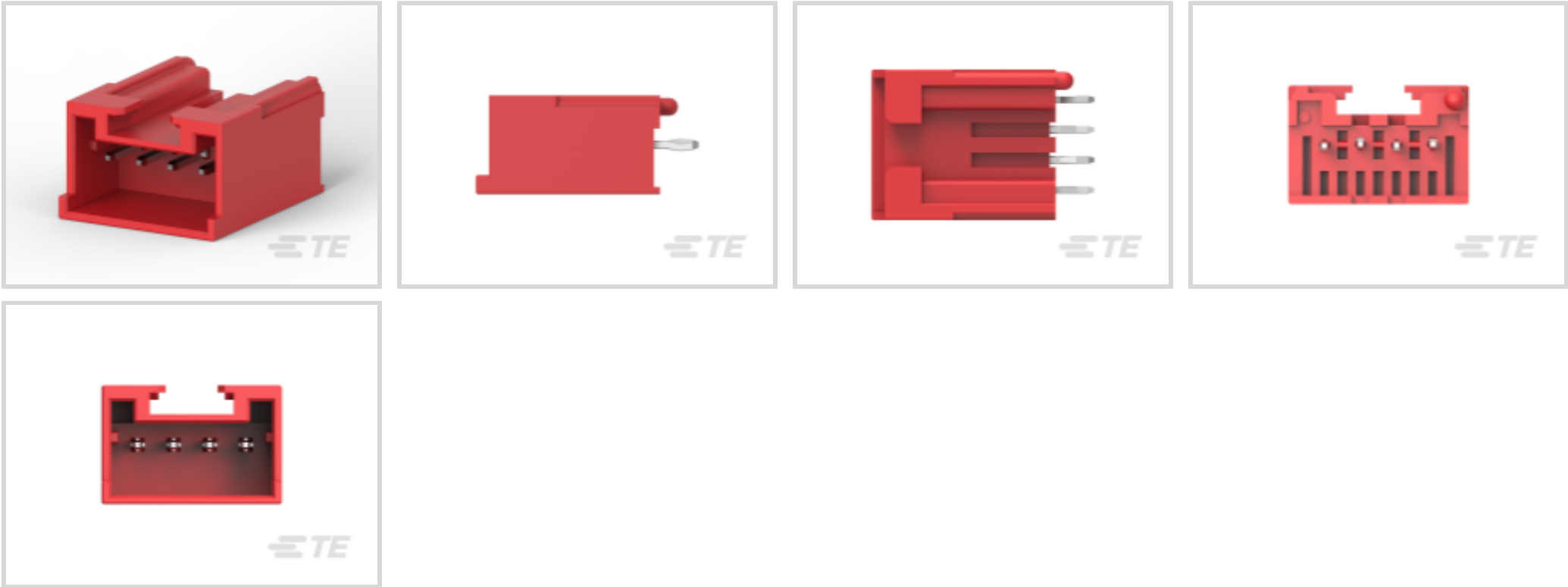
TE Internal #: 917724-2

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin (Sn), AMP Signal Double Lock

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **1**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Signal Positions	4
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Red
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Contact Features

Contact Size	.64mm
Contact Mating Area Plating Material Thickness	.8 – 2.5 µm[31.49 – 98.42 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	.5 – 1.2 µm[19.68 – 47.24 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Alignment Type	Boss
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon 66 GF
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Width	8.2 mm[.32 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	15.3 mm[.6 in]



Connector Length	12.5 mm[.49 in]
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Glow Wire Rating	Glow Wire
UL Flammability Rating	12mm Flame Test per Standard UL 746C

Packaging Features

Packaging Quantity	330
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: JAN 2025 (247) 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 # 917688-2
SIGNAL DOUBLE LOCK PLUG HSG 4P
RED

Also in the Series | AMP Signal Double Lock

Connector Caps & Covers(1)	Connector Contacts(14)	Connector Hardware(19)	PCB Headers & Receptacles(146)
Rectangular Connector Housings(80)	Rectangular Power Connectors(51)	Standard Rectangular Connectors(81)	Wire-to-Board Connector Assemblies & Housings(20)

Customers Also Bought

TE Part #2323832-1 PDL REC TERMINAL	TE Part #2329911-1 PWR VERSA-LOCK SEAL TAB, 22-26 AWG	TE Part #2357686-5 SGI 2.0 Crimp TPA	TE Part #5-1969536-3 HSG,RECP,POSILOK MKIII ,250SER,3P, 2CIR



TE Part #176498-2
[PL MKII 187 REC HSG 2P NYLON BLACK](#)

TE Part #2322917-4
[STD TIMER PLUG HSG 4P MKII](#)

TE Part #2357686-6
[SGI 2.0 Crimp TPA](#)

TE Part #179464-2
[DBL LOCK CAP F/H 3P RED](#)

TE Part #1-2373799-9
[CAP, HOUSING, ANG. TNL, POWER VERSA-LOCK](#)

TE Part #2357686-8
[SGI 2.0 Crimp TPA](#)

Documents

Product Drawings

[2.5MM SDL 4P, HDR ASSY, HIGH, RED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_917724-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917724-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917724-2_G.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1773458-3_2.5MM_SIGNAL_DOUBLE_LOCK_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[TUV Certificate](#)

917724-2

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Fully Shrouded, Tin (Sn), AMP Signal Double Lock



English