

AMP Signal Double Lock

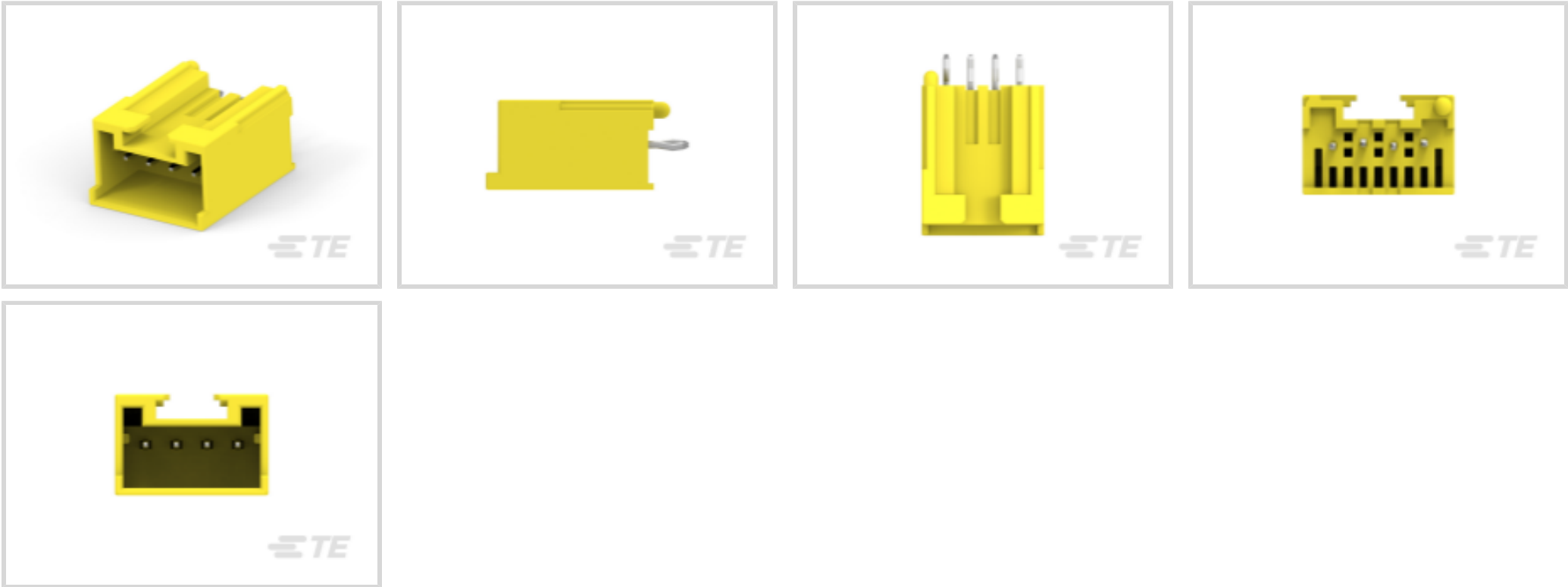
TE Internal #: 917724-4

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

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

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

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Connector Profile	High
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Primary Product Color	Yellow
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Contact Features

Contact Underplating Material	Copper
Contact Underplating Material Thickness	.5 – 1.2 µm[19.68 – 47.24 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	.8 – 2.5 µm[31.49 – 98.42 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	4.7 mm[1.8 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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Housing Material	Nylon 6/6 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]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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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	200
Packaging Method	Bag, Box

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 # 917688-4

SIGNAL DOUBLE LOCK PLUG HSG 4P
YELLOW

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(51)

Wire-to-Board Headers & Receptacles
(146)

Customers Also Bought



TE Part #3-2176345-2
CRGCQ 1210 3K9 1%

TE Part #7-1747072-4
GRACE INERTIA CONN 2.5 ON TAPE HDR 4P BL

TE Part #1744439-4
EP2.5 Shrd HDR ASSY 4P VERT, GW

TE Part #CAT-G7534-P729A
Glow Wire GRACE INERTIA Plug

TE Part #1969730-4
EP2.5 SHROUDED HDR ASSY 4P VERTICAL

TE Part #4-1971798-1
NEW GI CONN2.5 HDR ASMBLY 4P NC D1.0

TE Part #7-6609107-3
PS0S0SS3A=C1186

TE Part #CAT-G7534A-H342A
Glow Wire Sig GRACE INERTIA Header

Documents

Product Drawings

2.5 S.D.LOCK HDR ASSY 4P H/PRO, YELLOW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_917724-4_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_917724-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_917724-4_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

917724-4

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



English