917727-1 ✔ ACTIVE

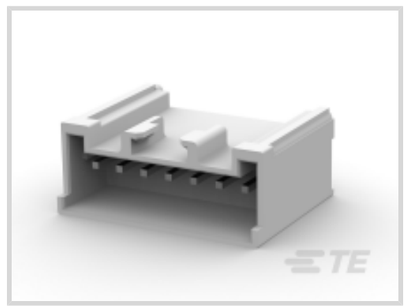
AMP Signal Double Lock

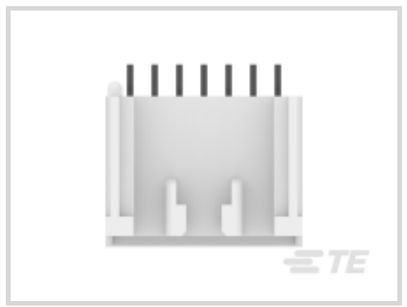
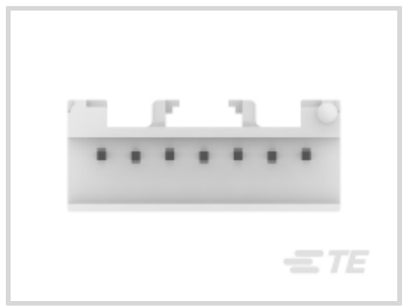
TE Internal #: 917727-1

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, AMP Signal Double Lock

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles




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

Number of Positions: **7**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Positions	7
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Connector Profile	High
Primary Product Color	Natural

Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

Housing Material	Nylon 6/6 GF

Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Length	20 mm[.78 in]
Connector Height	15.3 mm[.6 in]
Connector Width	8.2 mm[.32 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	Glow Wire
Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	150
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: 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	Wave solder capable to 265°C

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 # CAT-SI261-P729
STD Temp Signal Double Lock Plug

TE Part # 5-917691-1
2.5 SIGNAL D/LOCK PLUG HSG 7P (GWT)

Also in the Series | AMP Signal Double Lock



Connector Caps & Covers(1)



Connector Contacts(14)

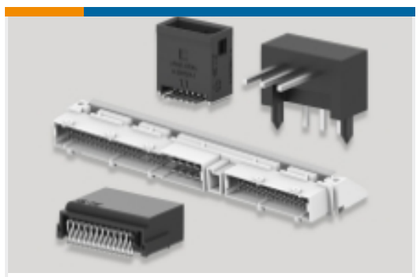


Connector Hardware(19)



Connector Seals & Cavity Plugs(10)

Insertion & Extraction Tools(1)



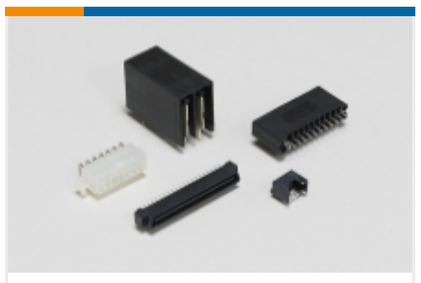
PCB Headers & Receptacles(144)



Rectangular Connector Housings(23)



Rectangular Power Connectors(3)

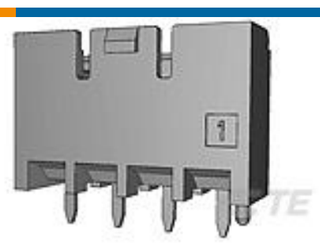


Standard Rectangular Connectors(1)



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

Customers Also Bought



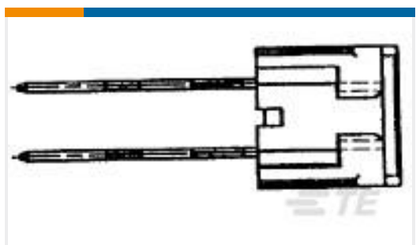
TE Part #1376384-1
5mm B-T-W Conn. 4P HDR ASSEMBL



TE Part #917790-1
2.5 S.D.L POST HDR ASY 12P STD



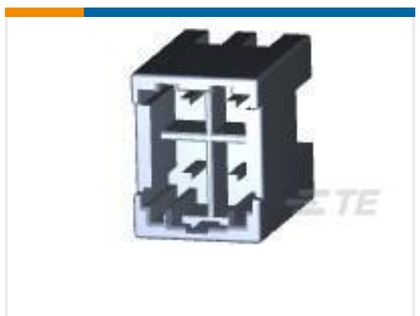
TE Part #6-1971798-1
NEW GI CONN2.5 HDR ASMBLY 6P NC D1.0



TE Part #917894-1
2.5 S.D.L STD V 2P HDR ON/TAPE



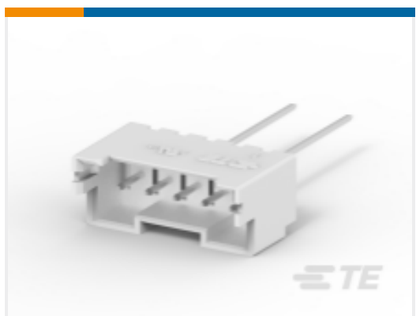
TE Part #917722-1
2.5 SIGNAL D/LOCK HDR ASSY 2P



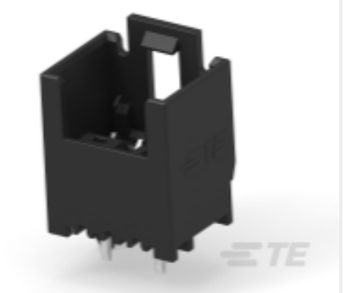
TE Part #1827391-1
GIC 3.3 HDR ASSY 4P



TE Part #63824-5
250 FASTON TAB TPBR



TE Part #2299683-5
EP2.5 HDR 5P VERT W/O BOSS, TAPING



TE Part #3-2232960-3
3P POTTED RAST 2.5 HEADER



TE Part #2368182-4
RA SMC2.5 Potting header_4P

Documents

Product Drawings

2.5 S.D.L. P/HDR ASY 7P H/PRO.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_917727-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_917727-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_917727-1_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-3_2.5MM_SIGNAL_DOUBLE_LOCK_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES

English

Agency Approvals

UL Report

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

CPF0402B37K4E1 SMW73R0JT U5254-000005-030PA 141991-2 ROX05SJ18R SBCHE154R7K 2380312-2 1393431-1 175977-2 1-962915-1 2-292161-3 3-1393225-0 917696-1 1743455-2 2310537-1 2834055-1 3430B2F51RTDF 3631B101LL 650075-000 CRGCQ2010J3K3 SBCHE64R7K RH73H2A40MKTN TE50BR39J 1-794222-0 1903112-2 1969656-1 936348-1 MPT100C18RF 2005330-1 2377783-2