917724-2 ✔ ACTIVE

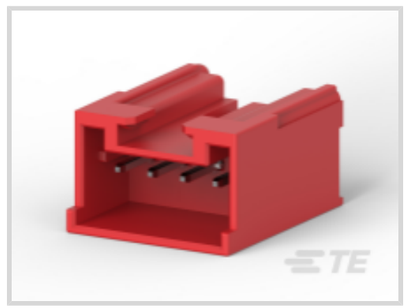
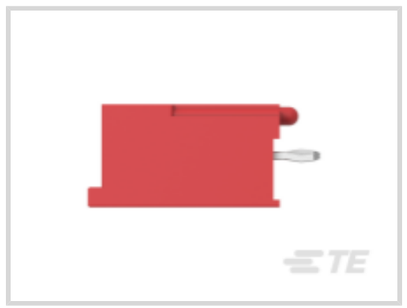
AMP Signal Double Lock

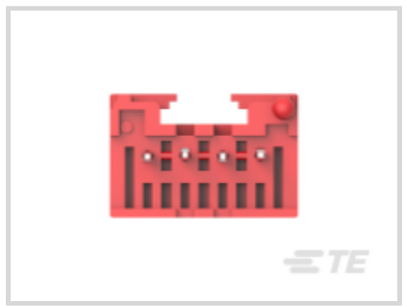
TE Internal #: 917724-2

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

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles




EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

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

Body Features

Primary Product Color	Red

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
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]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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: 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 # 917688-2
SIGNAL DOUBLE LOCK PLUG HSG 4P RED

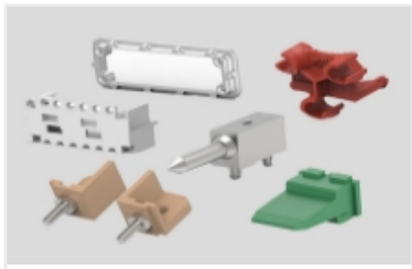
Also in the Series | AMP Signal Double Lock



Connector Caps & Covers(1)



Connector Contacts(14)



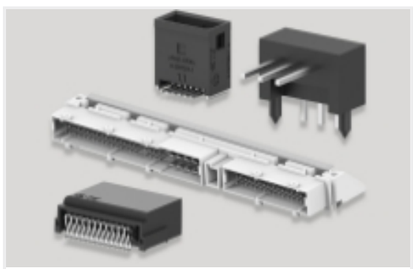
Connector Hardware(19)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(1)



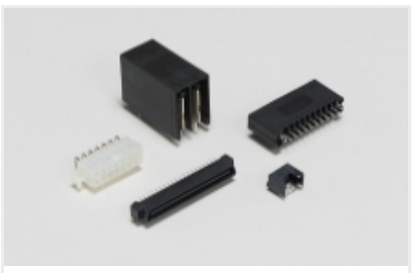
PCB Headers & Receptacles(146)



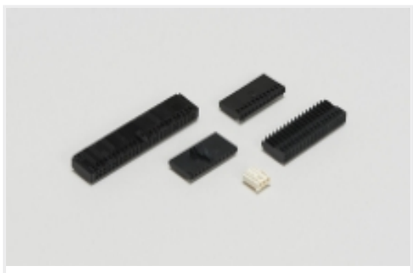
Rectangular Connector Housings(23)



Rectangular Power Connectors(1)

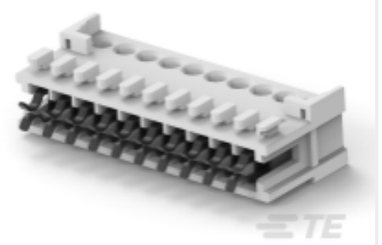


Standard Rectangular Connectors(1)

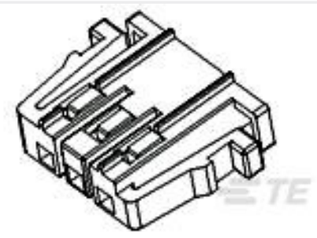


Wire-to-Board Connector Assemblies & Housings(76)

Customers Also Bought



TE Part #1-2232892-0
10P MONOPLUG 2.5



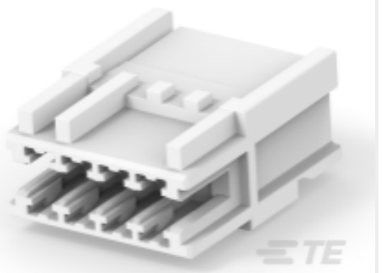
TE Part #1743492-1
BLOWER MOTOR 3P PLUG HSG



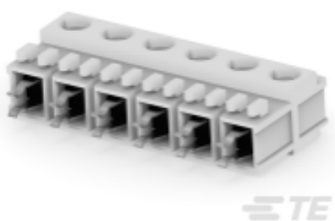
TE Part #2382946-5
SGI 1.5 Plug HSG, 5P, Key A, Natural



TE Part #3-1971794-2
GI2.5 TPA,3P



TE Part #2391423-4
4P RAST 2.5 STANDARD TIMER

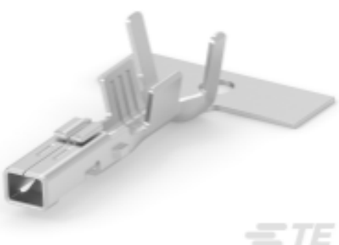


TE Part #2376193-6
6P MONOPLUG POWER ISOLATION VERSION

TE Part #1-2406852-4
4P MONOPLUG 2.5 W TUBE-B

TE Part #1-2406852-7
7P MONOPLUG 2.5 W TUBE-B

TE Part #2365219-1
250 FASTON,TAB,TPBR



TE Part #2406091-1
POWER DOUBLE LOCK RECPT, 16-18 AWG

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