1743490-1 ✔ ACTIVE

AMP Signal Double Lock

TE Internal #: 1743490-1

PCB Mount Header, Right Angle, Wire-to-Board, 3 Position, 4.1 mm [.161 in] Centerline, Fully Shrouded, Tin (Sn), AMP Signal Double Lock

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

Centerline (Pitch): **4.1 mm [.161 in]**

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	Right Angle
Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Natural

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 µm
Contact Type	Pin
Contact Current Rating (Max)	2.5 A

Termination Features

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

Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Alignment Type	Locating Posts
PCB Mount Alignment	With
Mating Retention	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	4.1 mm[.161 in]
Housing Material	6/6 Nylon GF

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Length	43.24 mm[1.702 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Loose Piece

Product Compliance

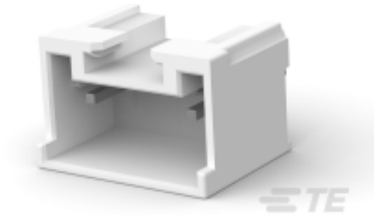
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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

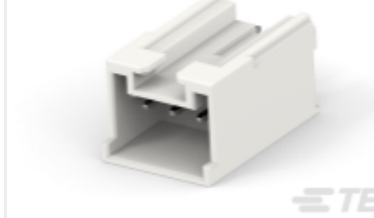
Compatible Parts



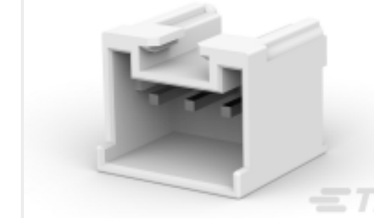
TE Part # 2-1376274-1
2.5 SDL STD HDR ASSY 2/4P



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



TE Part # 2-917723-1
2.5 S.D.L HDR ASSY 3P H-PRO



TE Part # 917781-1
2.5 S.D.L POST/HDR ASY 3P STD



TE Part # 1-917781-1
2.5MM SDL-LOCT,,3P HDR AS



TE Part # 1318366-1
2.5 SDL H/P HDR 4/7P ASSY O/T



TE Part # 1903813-1
2.5MM SDL 3/5P POST HDR ASSY S



TE Part # 1746062-1
2.5SDL HDR 14P STD ASSY NAT



TE Part # 1123037-1
2.5 S.D.L HI-PRO HDR ASSY NAT



TE Part # 353489-1
2.5 S.D.L HDR ASY 3P 5MM H-PRO



TE Part # 917723-1
2.5 SIGNAL D/LOCK HDR ASSY 3P



TE Part # 316880-1
2.5 S.D.L. HDR 3P STD V O/TAPE

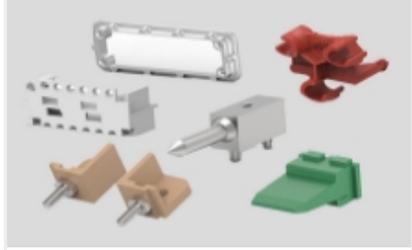
Also in the Series | AMP Signal Double Lock



Connector Caps & Covers(1)



Connector Contacts(14)



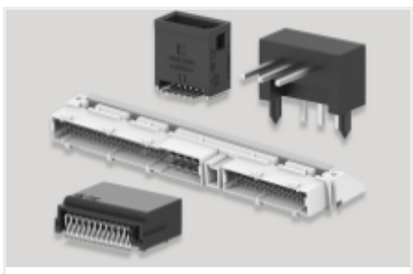
Connector Hardware(19)



Connector Seals & Cavity Plugs(10)



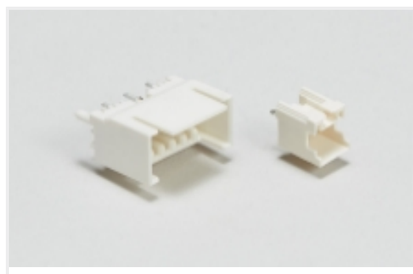
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(152)

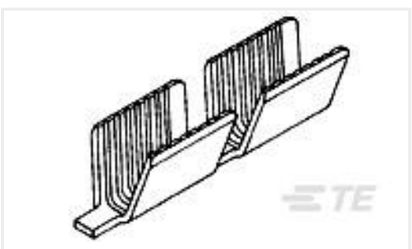


Rectangular Power Connectors(69)

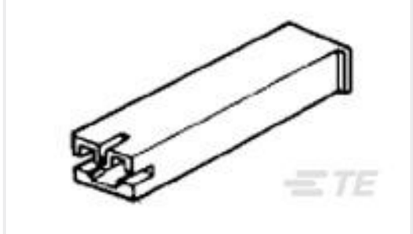


Wire-to-Board Headers & Receptacles (152)

Customers Also Bought



TE Part #62002-2
SPLC AMVAR 7000-13000 025TPBR



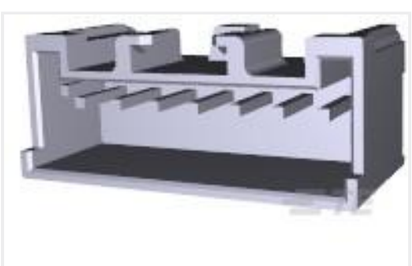
TE Part #173974-1
187 HSG. PL MKII REC. NAT



TE Part #316092-1
2.5 SIGNAL D/LOCK CAP HSG 8P



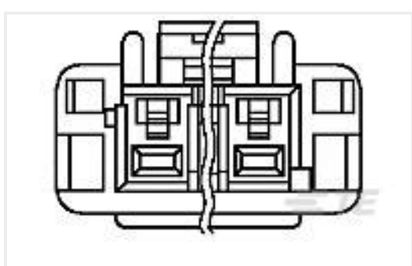
TE Part #917765-1
2.5 SIGNAL D/LOCK TAB CONT. M



TE Part #917785-1
2.5 S.D.L POST HDR ASY 7P STD



TE Part #1376348-1
5MM POWER KEY CONN REC CONT M



TE Part #2-1376388-3
5MM POWER KEY 2P PLUG HSG BLUE



TE Part #1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACK



TE Part #2232342-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #85058-1
250 6P CAP LANCE HSG

Documents

Product Drawings

BLOWER MOTOR 3P HDR ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1743490-1_C_c-1743490-1-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1743490-1_C_c-1743490-1-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1743490-1_C_c-1743490-1-c.3d_stp.zip

English

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Product Specifications

Engineering Report

English

Agency Approvals

Agency Approval Document

English