1969730-5 ✔ ACTIVE

Economy Power 2.5

TE Internal #: 1969730-5

PCB Mount Header, Vertical, Wire-to-Board, 5 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Economy Power 2.5

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

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

PCB Mount Orientation	Vertical
Number of Positions	5
Number of Rows	1

Body Features

Primary Product Color	Natural

Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 – 5 µm[80 – 200 µin]
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Polarization
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box, 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: JAN 2021 (211) 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 # 1969730-6
EP2.5 SHROUDED HDR ASSY 6P VERTICAL



TE Part # 2132230-5
EP2.5 Shrouded HDR ASSY 5P VER



TE Part # 1969730-2
EP2.5 SHROUDED HDR ASSY 2P VERTICAL



TE Part # 1969730-3
EP2.5 SHROUDED HDR ASSY 3P VERTICAL



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



TE Part # 1969730-7
EP2.5 SHROUDED HDR ASSY 7P VERTICAL



TE Part # 1969730-9
EP2.5 SHROUDED HDR ASSY 9P VERTICAL



TE Part # 1-1969730-4
EP2.5 SHROUDED HDR ASSY 14P VERTICAL

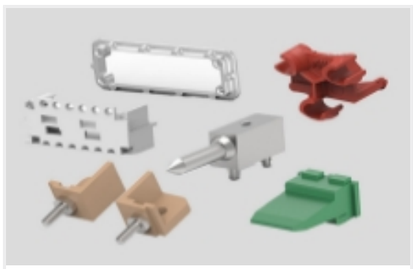


TE Part # 1-1969730-1
EP2.5 SHROUDED HDR ASSY 11P VERTICAL

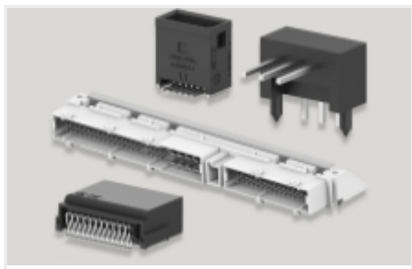
Also in the Series | Economy Power 2.5



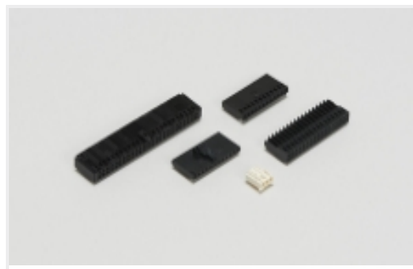
Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



Wire-to-Board Connector Assemblies & Housings(305)

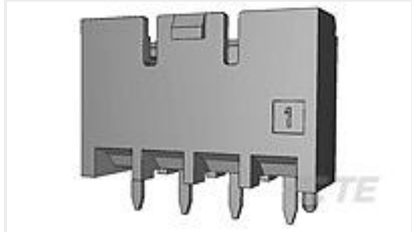
Customers Also Bought



TE Part #5-146130-1
04 MODII HDR DRST SFMNT B/A LF



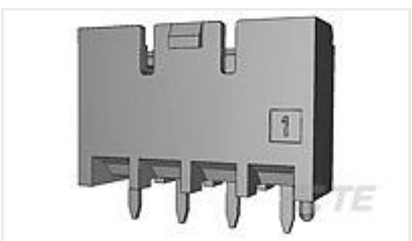
TE Part #1-1969688-3
PTL 1X3 PCB HEADER VERT HITEMP KEY A LGR



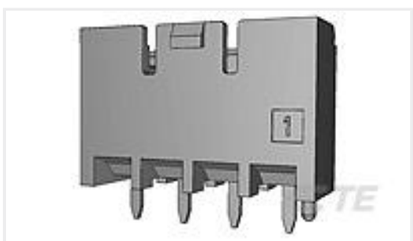
TE Part #1376382-1
5mm B-T-W Conn. 2P HDR ASSEMBL



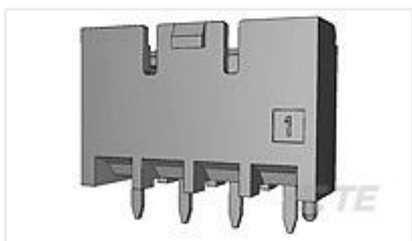
TE Part #179841-1
AMP POWER D/LOCK T/HDR ASSY 6P



TE Part #1376385-1
5mm B-T-W Conn. 6P HDR ASSEMBL



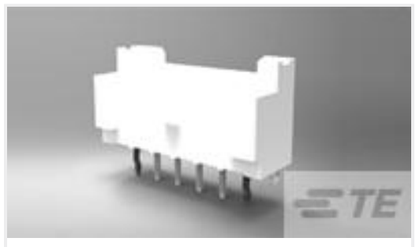
TE Part #1376384-1
5mm B-T-W Conn. 4P HDR ASSEMBL



TE Part #1376383-1
5mm B-T-W Conn. 3P HDR ASSEMBL



TE Part #2365497-4
EP2.5 single row SMT header,GWT,4P



TE Part #1744418-2
2 POS EP 2.5 HDR, GLOW WIRE

Documents

Product Drawings

EP2.5 SHROUDED HDR ASSY 5P VERTICAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969730-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969730-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969730-5_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English