1-1969730-0 ✔ ACTIVE

Economy Power 2.5

TE Internal #: 1-1969730-0

PCB Mount Header, Vertical, Wire-to-Board, 10 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







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

Number of Positions: **10**

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	10
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Natural

Contact Features

Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Thickness	2 – 5 µm[80 – 200 µin]

Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Round Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Housing Material	PBT
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 Type	Bag, Box

Product Compliance

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

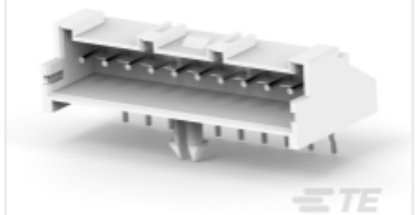
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

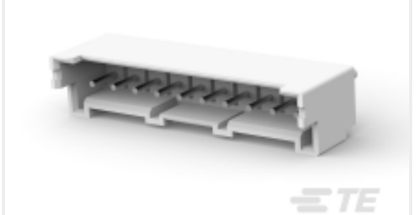
Compatible Parts



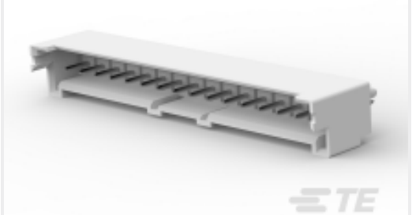
TE Part # 1-1744446-0
Hdr Assy, EP 2.5 RA, 10 Pos., GW



TE Part # 1-1969730-3
EP2.5 SHROUDED HDR ASSY 13P VERTICAL



TE Part # 1-1744418-0
10 POS EP 2.5 HDR, GLOW WIRE



TE Part # 1-2132230-6
EP2.5 Shrouded HDR ASSY 16P VE



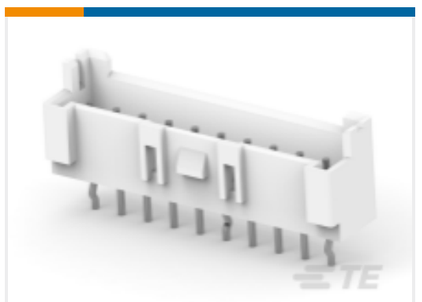
TE Part # 1-1969730-4
EP2.5 SHROUDED HDR ASSY 14P VERTICAL



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



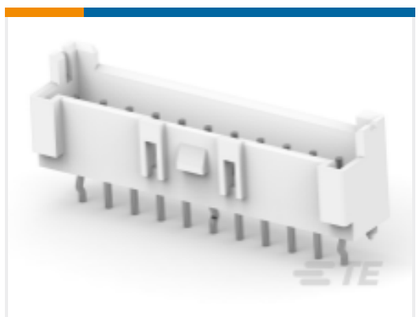
TE Part # 1-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part # 1-1969729-0
EP2.5 Shrouded HDR ASSY 10P VERT w/oboss



TE Part # 1-2132230-0
EP2.5 Shrouded HDR ASSY 10P VE



TE Part # 1-2132230-1
EP2.5 Shrouded HDR ASSY 11P VE



TE Part # 1-2132415-5
EP2.5 Shrouded HDR ASSY 15P VERT w/oboss



TE Part # 1-1969730-2
EP2.5 SHROUDED HDR ASSY 12P VERTICAL



TE Part # 1-1969730-5
EP2.5 SHROUDED HDR ASSY 15P VERTICAL



TE Part # 1-1969730-6
EP2.5 SHROUDED HDR ASSY 16P VERTICAL



TE Part # 1-1969730-7
EP2.5 SHROUDED HDR ASSY 17P VERTICAL



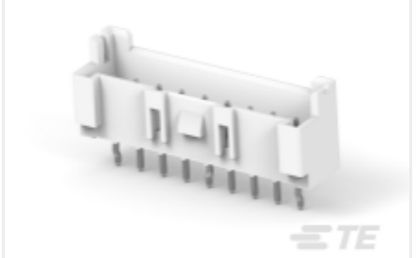
TE Part # 1-1969730-8
EP2.5 SHROUDED HDR ASSY 18P VERTICAL



TE Part # 1-1969730-9
EP2.5 SHROUDED HDR ASSY 19P VERTICAL



TE Part # 1969729-3
EP2.5 Shrouded HDR ASSY 3P VERT w/o boss



TE Part # 1969729-9
EP2.5 Shrouded HDR ASSY 9P VERT w/o boss



TE Part # 2-1969730-0
EP2.5 SHROUDED HDR ASSY 20P VERTICAL

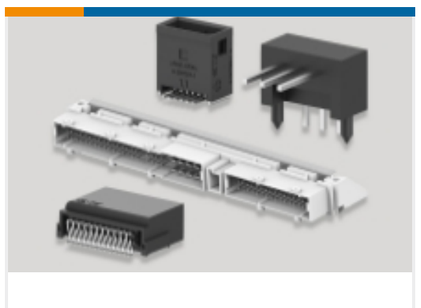
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(494)



Rectangular Power Connectors(43)

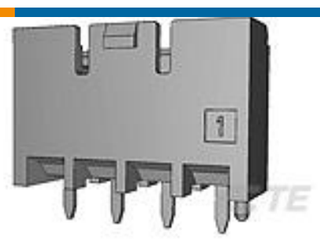


Wire-to-Board Connector Assemblies & Housings(311)

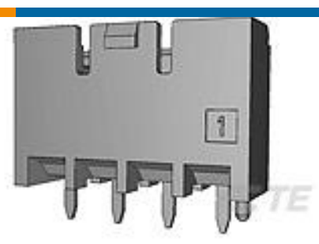
Customers Also Bought



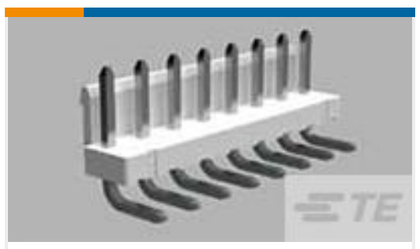
TE Part #1-1969688-3
PTL 1X3 PCB HEADER VERT HITEMP KEY A LGR



TE Part #2-1376383-3
5MM B-T-W CONN. 3P HDR ASSEMBL



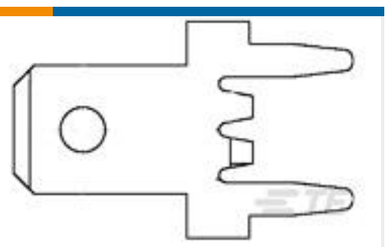
TE Part #1376383-1
5mm B-T-W Conn. 3P HDR ASSEMBL



TE Part #647676-3
3.96 EP HDR ASSY 3P R/A



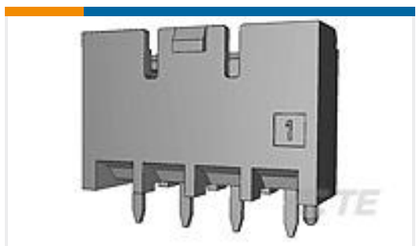
TE Part #1-1123724-2
3.96EP HDR ASSY 2(3)P NATURAL



TE Part #63982-1
187 FASTON TAB TPBR



TE Part #1969730-8
EP2.5 SHROUDED HDR ASSY 8P VERTICAL



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



TE Part #2132230-8
EP2.5 Shrouded HDR ASSY 8P VER

Documents

Product Drawings

EP2.5 SHROUDED HDR ASSY 10P VERTICAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1969730-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1969730-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1969730-0_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English