3-1473059-1 ✔ ACTIVE

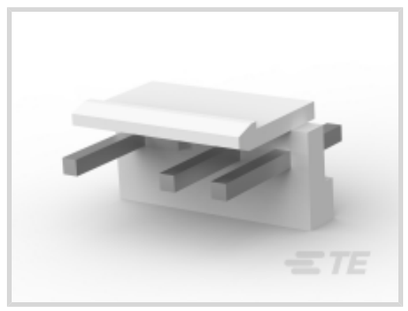
Economy Power

TE Internal #: 3-1473059-1

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin (Sn), Economy Power

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Number of Columns	4
Number of Loaded Positions	3
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1
Number of Power Positions	4

Electrical Characteristics

Insulation Resistance	500 MΩ
Operating Voltage	250 VDC

Body Features

Connector Profile	Standard
Primary Product Color	Natural

Contact Features

	39.7 µin
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.8 µm[31.49 – 70.86 µin]
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	7.7 mm[.303 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Type	Tab
Contact Current Rating (Max)	8 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3.7 mm[.145 in]
Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Latch
Mating Alignment Type	Polarization
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Mating Alignment	With

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon GF15

Dimensions

	.621 in
Connector Width	8.5 mm[.334 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.7 mm[.421 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Shielded	No
Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Other

Position Locations Omitted	2
Number of Blocked Positions	1

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 reviewed for solder process capability

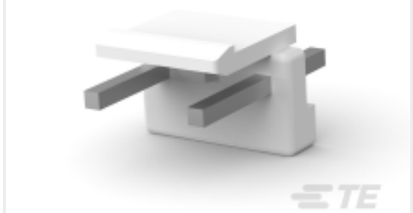
Product Compliance Disclaimer

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

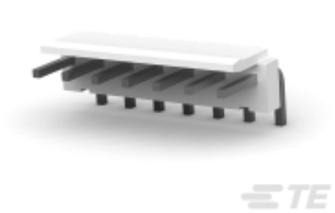
Compatible Parts



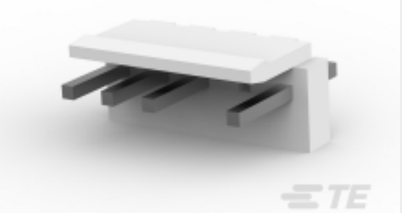
TE Part # 3-1744524-0
EP 10P HDR NO3,5,7,9PINS V0GWT



TE Part # 1744103-1
3.96 EPHDR ASSY 3P OMIT #2 PIN



TE Part # 1744067-7
07P EC PWR.200 CL ASSY RA WO#5



TE Part # 2-1744435-5
EP 05P V-HDR ASY NO 4 PIN



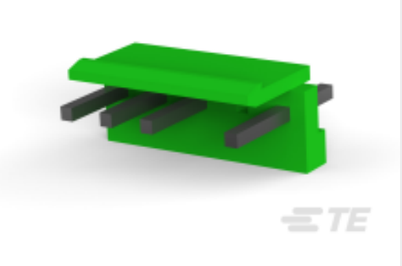
TE Part # 1-1123722-4
3.96 EP PLUG HSG 4P(NATURAL)



TE Part # 8-1123724-6
3.96EP HDR ASSY 6P NATURAL GWT



TE Part # 1744416-4
4 POS EP II HSG, GLOW WIRE



TE Part # 3-1717011-4
EP CONN.HDR ASSY 4/5P GREEN W /O#4



TE Part # 1744494-4
04P EP-II HOUSING, YELLOW

Also in the Series | Economy Power



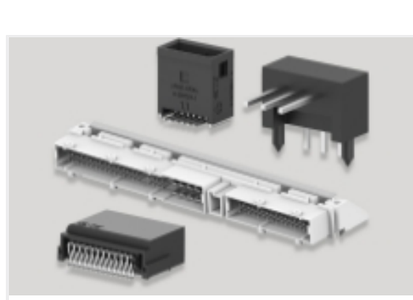
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



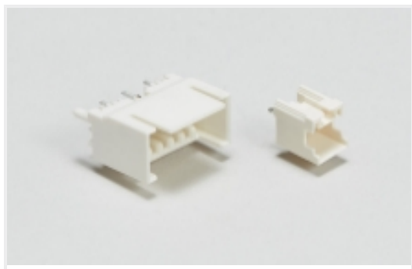
PCB Headers & Receptacles(483)



Power Contacts(9)



Rectangular Power Connectors(581)



Wire-to-Board Headers & Receptacles (483)

Customers Also Bought

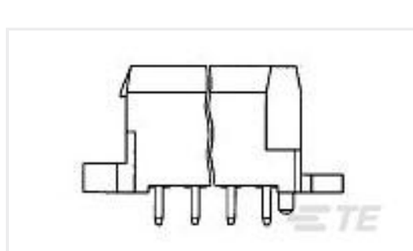


TE Part #292171-5
CT POST HDR ASSY 5P IN-TUBE BL



TE Part #1-1879417-1
CPF 0603 470K 0.1% 25PPM 1K RL

TE Part #1-962350-1
6P JUN-POW-TIM GEH



TE Part #966595-1
MESSERSLEISTE 68P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1473059-1_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1473059-1_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1473059-1_AD.3d_stp.zip

English

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

Product Specifications

Application Specification

English