



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **11**

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

Features

Product Type Features

Connector Shape	Rectangular
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 Loaded Positions	6
PCB Mount Orientation	Vertical
Number of Positions	11
Number of Rows	1
Number of Power Positions	11

Electrical Characteristics

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Operating Voltage	250 VDC
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Body Features

Connector Profile	Low
Primary Product Color	Natural

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.8 – 1.8 µm[31.5 – 70.86 µin]
Contact Size	1.14mm
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
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 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[.146 in]
Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Locking Tab
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]
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Housing Material	Nylon
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Dimensions

Connector Width	8.5 mm[.334 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	9.2 mm[.36 in]
Connector Length	43.5 mm[1.71 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	300
Packaging Method	Bag

Other

Position Locations Omitted	2, 4, 6, 8, 10
Number of Blocked Positions	5

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	有害物质含量符合标准要求 No Restricted Substance(s) 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>

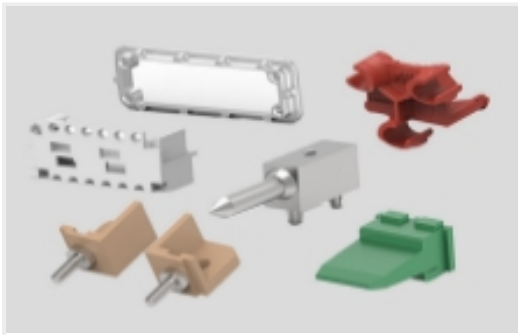
Compatible Parts

 TE Part # 7-1123724-1 3.96EP HDR ASSY 4(7)P (NATURAL GWT)	 TE Part # 1-1123723-1 3.96 EP HDR ASSY 11P(NATURAL)	 TE Part # 7-1123724-2 03P EP HDR HSG V0 GWT NO 02P	 TE Part # 1-1123723-0 3.96 EP HDR ASSY 10P(NATURAL)
 TE Part # 1-1318300-1 3.96 EP HDR ASSY 11P NAT/TUBE	 TE Part # 1-1123724-6 7.92EP HDR ASSY 6P NATURAL	 TE Part # 1-1744416-1 11 POS EP II HSG, GLOW WIRE	 TE Part # 5-1123723-1 3.96 EP HDR ASSY 11P(BLACK)
 TE Part # 7-1123724-3 3.96EP HDR ASSY 3(5)P (NATURAL GWT)	 TE Part # 1-1123723-4 3.96 EP HDR ASSY 4P(NATURAL)	 TE Part # 7-1123724-5 3.96EP HDR ASSY 5(9)P NATURAL, GWT	

Also in the Series | Economy Power



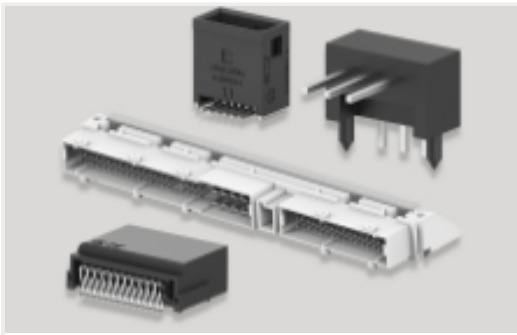
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



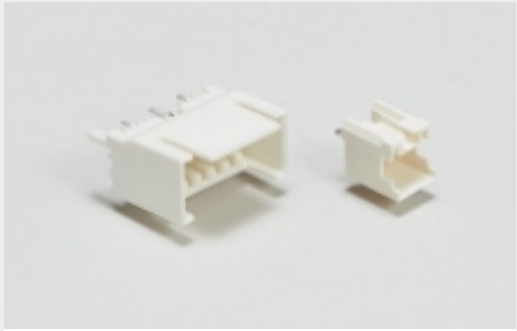
PCB Headers & Receptacles(463)



Power Contacts(7)



Rectangular Power Connectors(547)

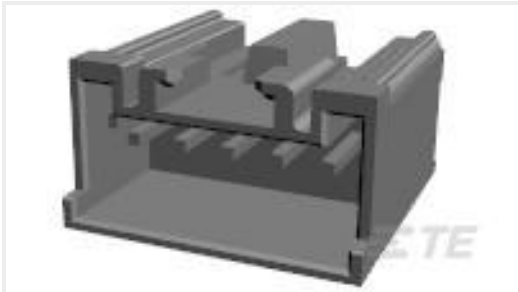


Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



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



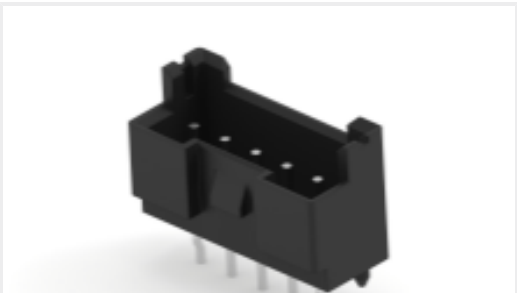
TE Part #917725-1
2.5 SIGNAL D/LOCK HDR ASSY 5P



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



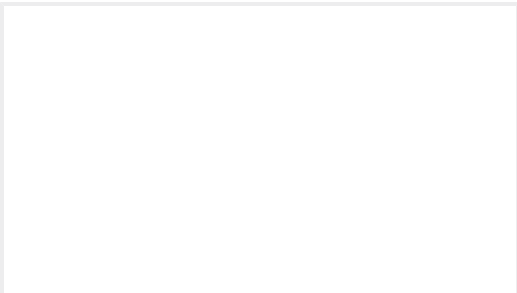
TE Part #1-1969730-1
EP2.5 SHROUDED HDR ASSY 11P VERTICAL



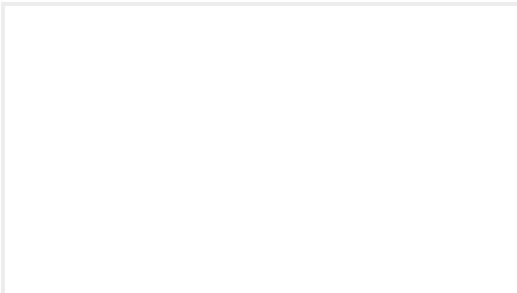
TE Part #4-2338245-5
EP2.5 HDR 5P VERT BOSS, BLACK, UL



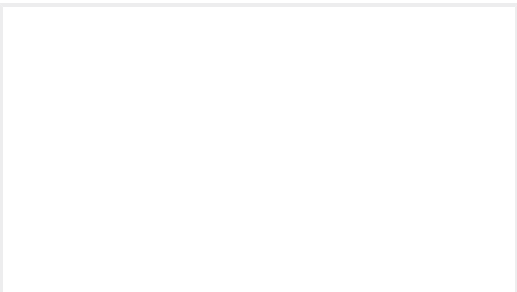
TE Part #2358709-1
250 FASTON, TAB, TAPING AND REEL ASSY



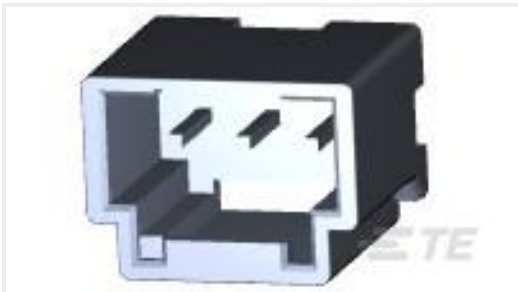
TE Part #1-2452953-3
3P POTTED RAST 2.5 HEADER



TE Part #1-2452954-5
5P POTTED RAST 2.5 HEADER, SEL



TE Part #1-2452954-9
9P POTTED RAST 2.5 HEADER, SEL



TE Part #3-1971798-4
NEW GI CONN 2.5 HDR ASMBLY 3P YLW D1.0

Documents



Product Drawings

7.92EP HDR ASSY 6(11)P NATURAL GWT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1123724-6_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1123724-6_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1123724-6_AD.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English