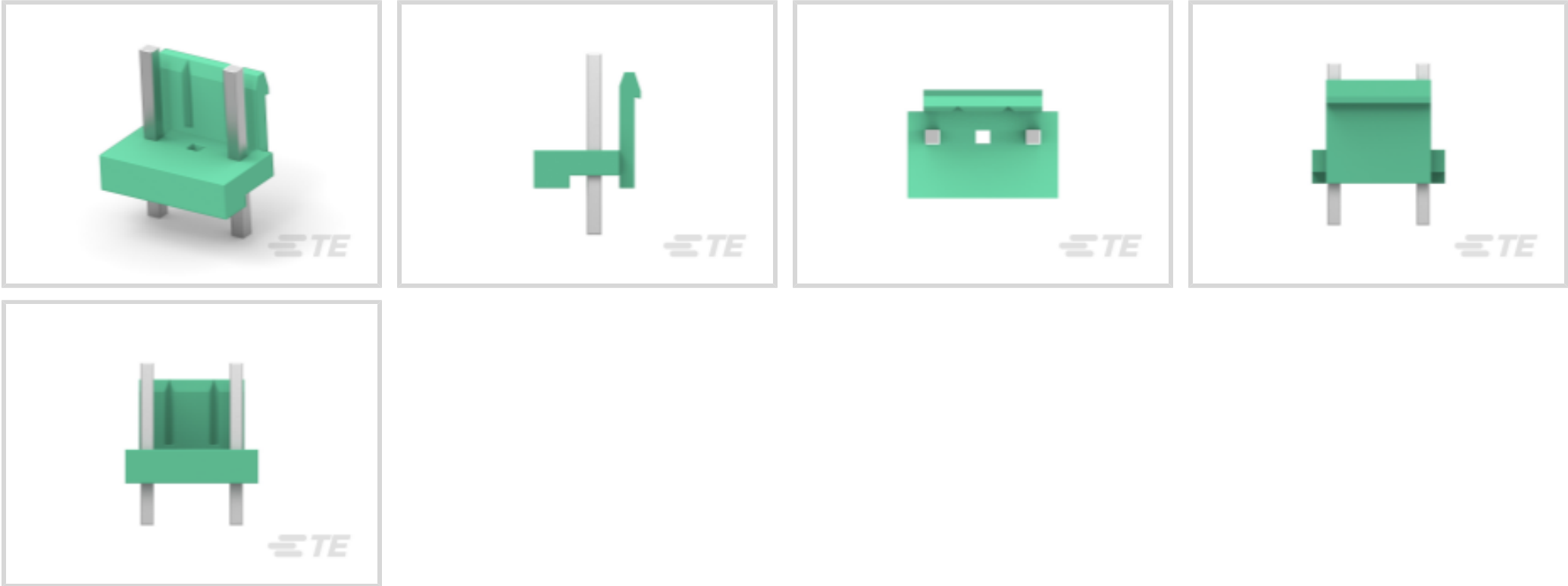




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

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

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

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Connector Profile	Low
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Primary Product Color	Green
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Contact Features

Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	.8 µm[31.49 – 70.86 µin]
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PCB Contact Termination Area Plating Material Finish	Matte
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Mating Square Post Dimension	1.14 mm[.045 in]
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PCB Contact Termination Area Plating Material Thickness	1 µm[39.7 µin]
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Contact Shape & Form	Square
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Contact Layout	Inline
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Contact Mating Area Length	7.7 mm[.303 in]
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Contact Base Material	Brass
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Contact Mating Area Plating Material	Tin (Sn)
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Contact Mating Area Plating Material Finish	Matte
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Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
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Contact Type	Pin
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Contact Current Rating (Max)	7.5 A
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PCB Contact Termination Area Plating Material	Tin
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Termination Features

Termination Post & Tail Length	3.7 mm[.146 in]
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Square Termination Post & Tail Dimension	1.14 mm[.045 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Retention Type	Latch
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Mating Alignment Type	Polarization
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PCB Mount Alignment	Without
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Mating Retention	With
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Housing Material	Glass-Filled PBT
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Dimensions

	.465 in
Connector Width	8.5 mm[.33 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.7 mm[.421 in]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	4000
Packaging Method	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	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	Wave solder capable to 265°C

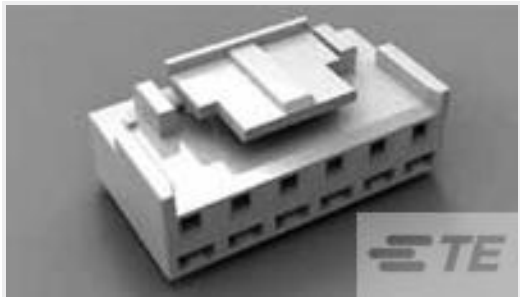
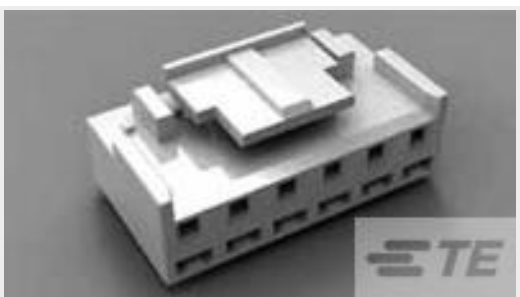
Product Compliance Disclaimer

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

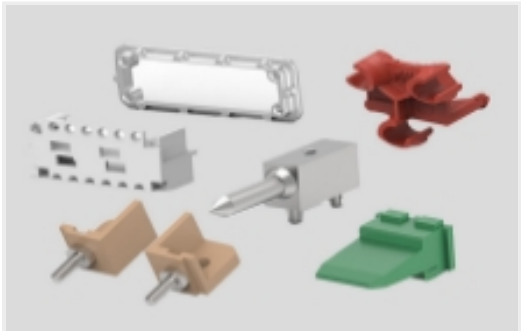
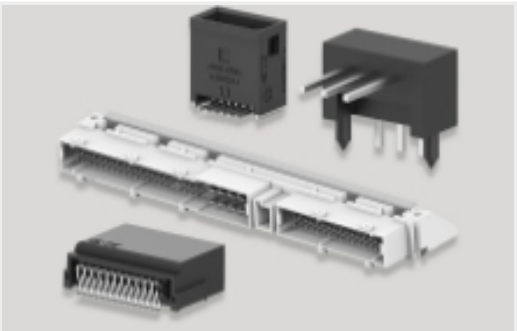


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 1123721-2 ECONOMY POWER CONN REC CONT	 TE Part # 3-1123722-2 3.96 EP PLUG HSG 2P(BLUE)	 TE Part # 1123721-1 EP CONN. REC CONTACT	 TE Part # 1744493-3 03P EP-II HOUSING, ORANGE
 TE Part # 2-1123722-2 3.96 EP PLUG HSG 2P(YELLOW)	 TE Part # 1744416-3 3 POS EP II HSG, GLOW WIRE	 TE Part # 5-1123722-2 3.96 EP PLUG HSG 2P(BLACK)	 TE Part # 6-1123722-2 3.96 EP PLUG HSG 2P(GREEN)
 TE Part # 1-1123722-3 3.96 EP PLUG HSG 3P(NATURAL)	 TE Part # 1-1123722-2 3.96 EP PLUG HSG 2P(NATURAL)	 TE Part # 4-1123722-2 3.96 EP PLUG HSG 2P(RED)	

Also in the Series | Economy Power

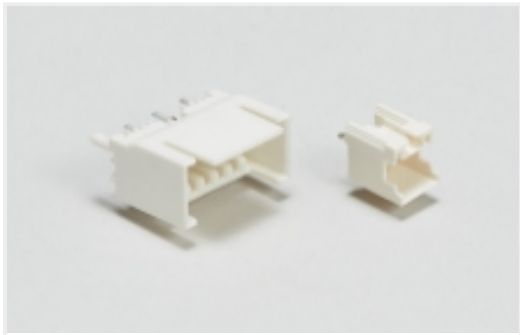
 Connector Contacts(13)	 Connector Hardware(2)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(463)
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Power Contacts(7)

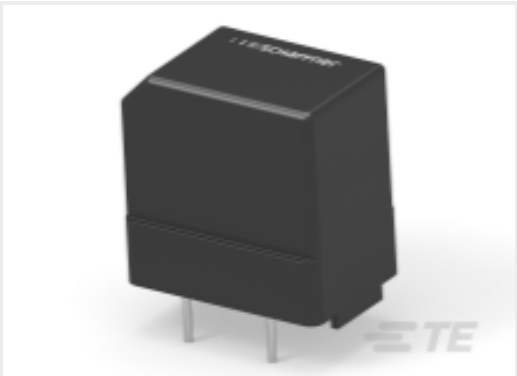


Rectangular Power Connectors(547)



Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



TE Part #815715-SF
RN216-2-02-3M3



TE Part #1-640389-4
14P MTA156 HDR ASSY SQ R/A F/L



TE Part #1-1123723-7
3.96 EP HDR ASSY 7P(NATURAL)



TE Part #1-1123723-8
3.96 EP HDR ASSY 8P(NATURAL)



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



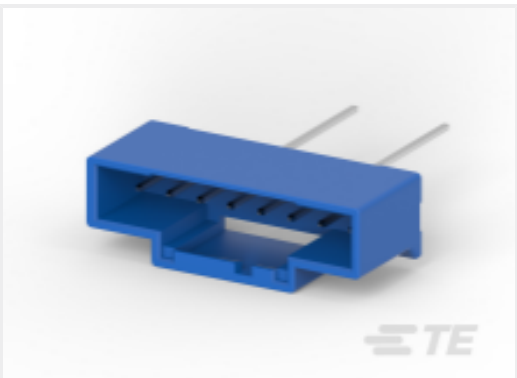
TE Part #1-1825059-8
ADF04STTR04=DIP S,FLUSH,SMT-GW



TE Part #4-1971798-1
NEW GI CONN2.5 HDR ASMBLY 4P NC D1.0



TE Part #3-2232546-3
GI2.5 HDR ASS 3P RED NO BOSS TAPE



TE Part #8-2232546-2
GI2.5 HDR ASS 8P BL NO BOSS TAPE



TE Part #1982676-1
Receptacle Assembly

Documents

Product Drawings
3.96EP HDR ASSY 2(3)P GREEN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_6-1123724-2_AD.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_6-1123724-2_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1123724-2_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](#)

Japanese

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

Japanese

[Economy Power \(EP\) Connector](#)

Japanese

Agency Approvals

[VDE Certificate](#)

English