



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**

Number of Rows: **1**

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

Electrical Characteristics



Operating Voltage	250 VDC
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Insulation Resistance	500 MΩ
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Body Features

Connector Profile	Standard
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Primary Product Color	Natural
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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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Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
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Mating Square Post Dimension	1.14 mm[.045 in]
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	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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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Finish	Matte
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Contact Mating Area Plating Material	Tin (Sn)
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Contact Type	Tab
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Contact Current Rating (Max)	8 A
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Termination Features

Termination Post & Tail Length	3.7 mm[.145 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

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

With

Housing Features

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

Dimensions

Connector Width	8.5 mm[.334 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.7 mm[.421 in]
	.621 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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>

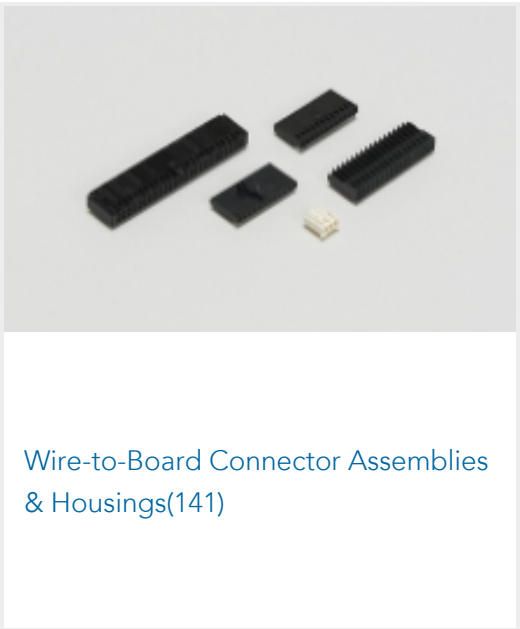
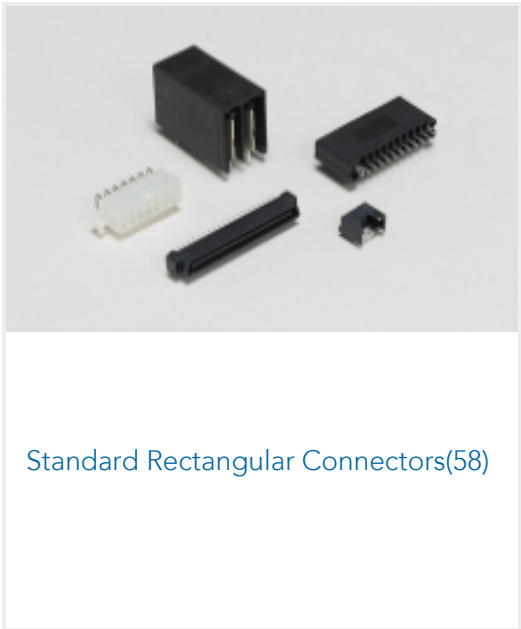
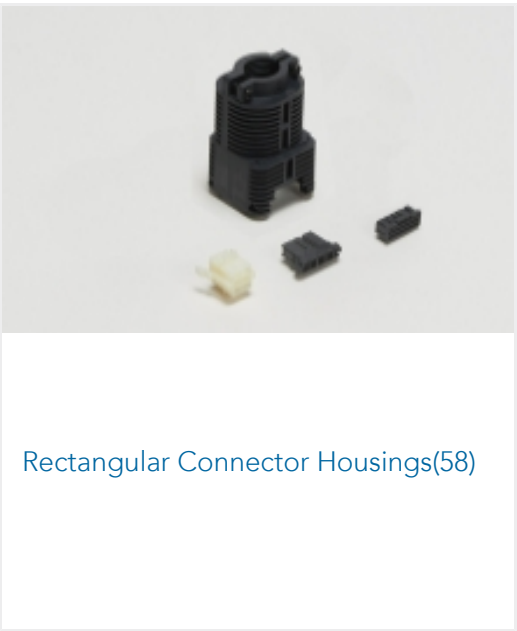
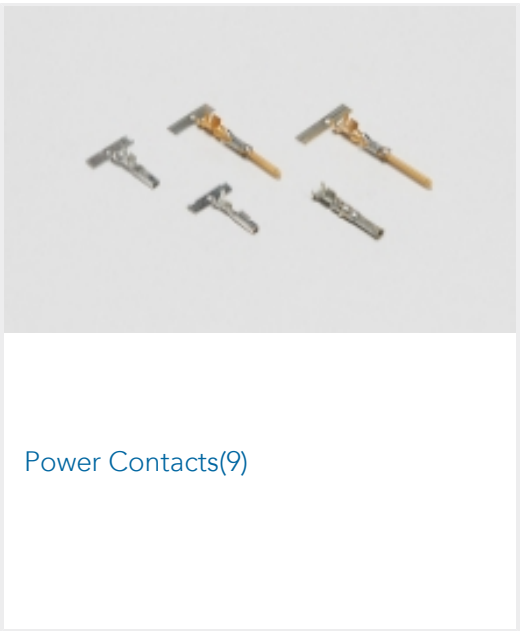
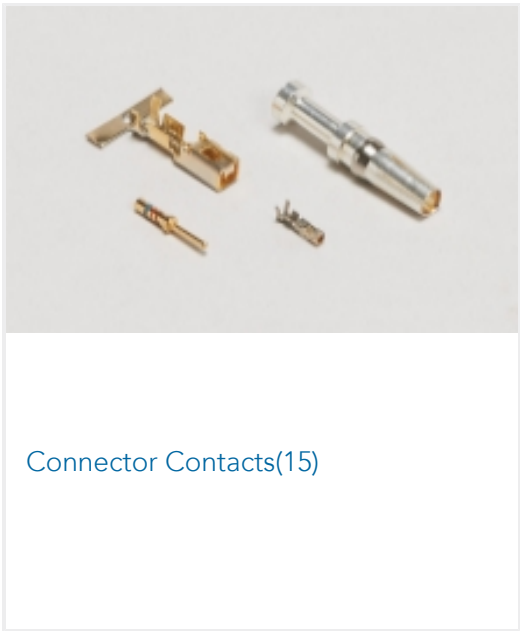
Compatible Parts

 TE Part # 1744067-7 07P EC PWR.200 CL ASSY RA WO#5	 TE Part # 8-1123724-6 3.96EP HDR ASSY 6P NATURAL GWT	 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 # 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	 TE Part # 3-1744524-0 EP 10P HDR NO3,5,7,9PINS V0GWT

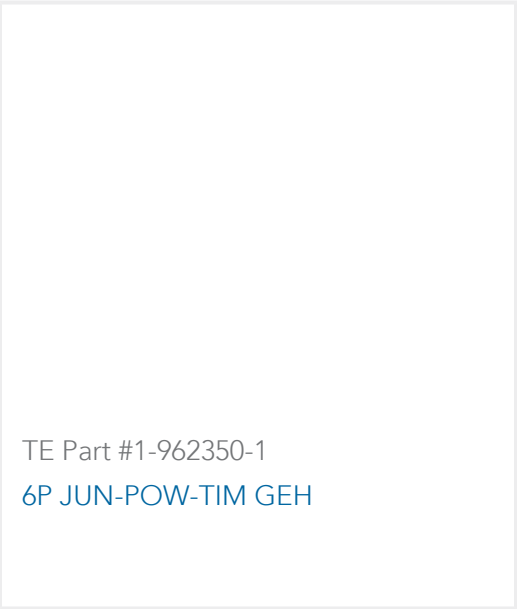
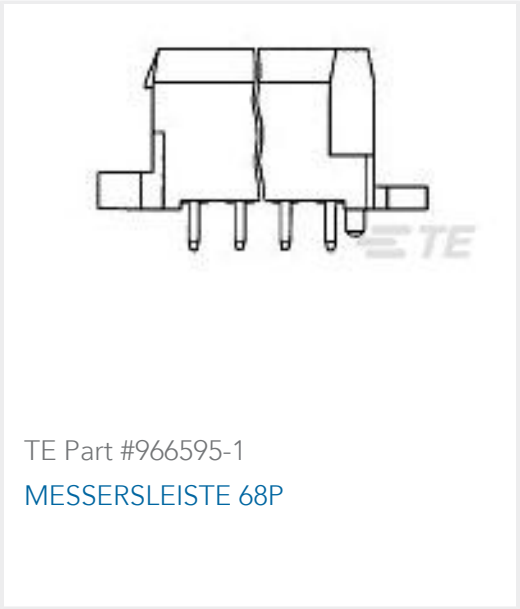


Also in the Series

Economy Power



Customers Also Bought



Documents

- Product Drawings
- 04P EP HDR ASSY NO2P GWT
- English
- 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

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Product Specifications

[Application Specification](#)

English