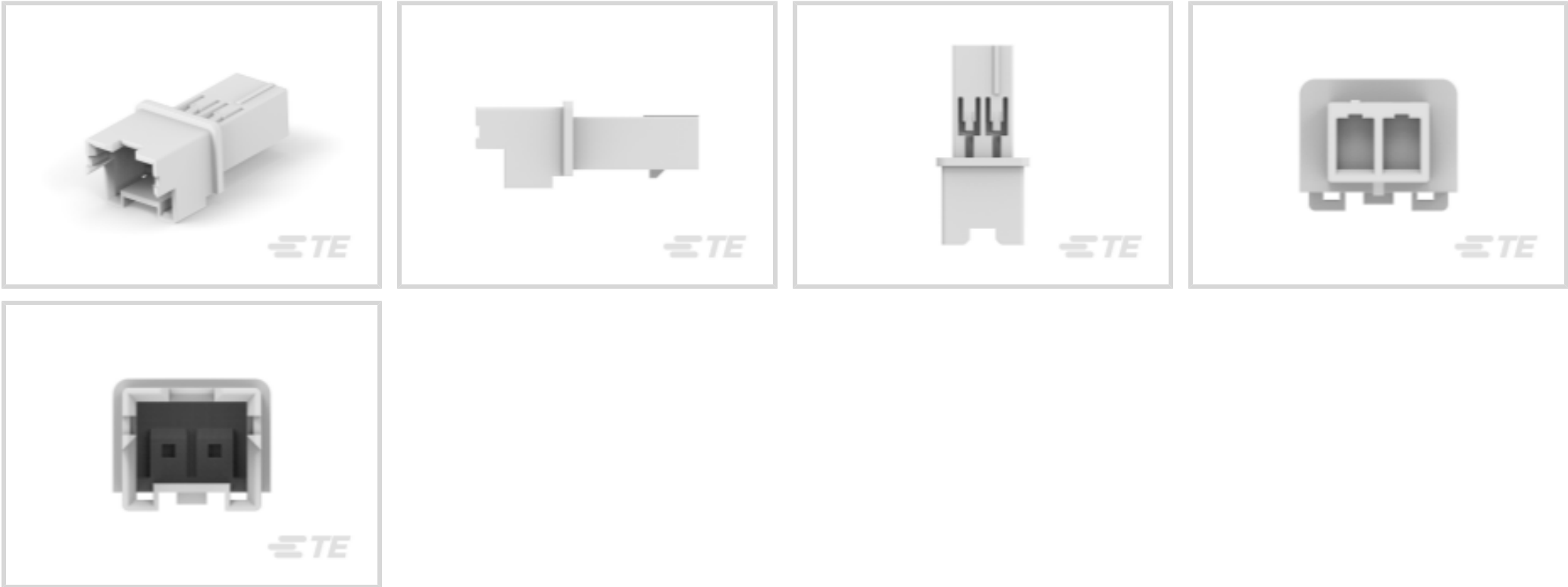




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **2**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Connector Product Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

| | |
|--|--|
| | |
|--|--|



| | |
|------------------------------|-------|
| Contact Base Material | Brass |
| Contact Type | Pin |
| Contact Current Rating (Max) | 7.5 A |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Strain Relief | Without |
| Panel Mount Feature | Without |
| Mating Retention Type | Latch |
| PCB Mount Retention | Without |
| Mating Retention | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|-----------------------------|------------------|
| Housing Material | Nylon GF |
| Housing Entry Configuration | Both Ends Closed |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

| | |
|--------------------------------------|------------------------------|
| Connector Width | 18.17 mm[.715 in] |
| Compatible Insulation Diameter Range | 1.3 – 1.7 mm[.051 – .067 in] |
| Connector Height | 6.6 mm[.26 in] |
| Wire Size | 26 – 22 AWG |
| Connector Length | 7.5 mm[.295 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -25 – 105 °C[-13 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

Packaging Features

| | |
|--------------------|-----|
| Packaging Method | Bag |
| Packaging Quantity | 650 |



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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 # 1-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, RED



TE Part # 1-1969588-2
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1-1969588-0
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-8
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 4-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, YELLOW



TE Part # 1-1969588-3
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1-1969588-4
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-3
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-6
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 2338853-2
EP2.5 HDR 2P VERT W/O BOSS, TAPING, UL



TE Part # 2314712-2
HSG, REC, PANEL MOUNT, SINGLE ROW, EP2.5



TE Part # 2482324-1
EXTRACTION TOOL



TE Part # 1-1969588-5
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1-1969588-1
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-7
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-9
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-5
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part # 1969588-4
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5




TE Part # 2304185-2
EP2.5 Shrouded HDR ASSY 2P VERT w/o boss



TE Part # 2-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, BLUE

Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



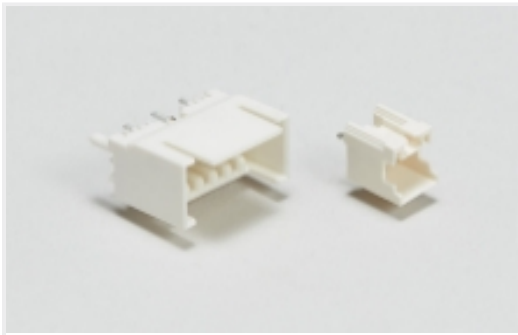
PCB Headers & Receptacles(533)



Rectangular Power Connectors(531)



Wire-to-Board Connector Assemblies & Housings(305)



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



TE Part #2238008-1
TERMINAL, PIN, LANCELESS, 20-24 AWG, EP2



TE Part #1-1971775-3
PTL 2X3 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1969588-4
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #1971787-2
PTL RECEPTACLE CONTACT, 2X18 AWG



TE Part #1969588-3
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



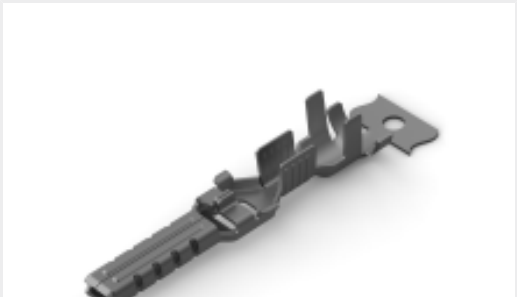
TE Part #1969588-6
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #1969443-2
EP 2.5 TPA Retainer, 2 Pos



TE Part #1-1971772-7
PTL 1X5 CAP PANEL MT STD TEMP KEY A NAT



TE Part #CAT-P87074-T111
Tab Contact — POWER TRIPLE LOCK

Documents

Product Drawings

HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969588-2_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1969588-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969588-2_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[VDE Certificate](#)

English