



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

Electrical Characteristics

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

Industry Standards

| | |
|------------------------|-----------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Glow Wire |

Packaging Features

| | |
|--------------------|-------|
| Packaging Method | Bag |
| Packaging Quantity | 10000 |

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] |



Contact Features

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

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] |

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 |

Body Features

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

Termination Features

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

Usage Conditions

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

Operation/Application

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



Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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 # 1969589-5
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1969591-2
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5



TE Part # 1-1969589-2
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 2482324-1
EXTRACTION TOOL





TE Part # 1969589-4
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1-1969589-3
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1-1969589-0
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1969589-3
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1-1969589-4
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1-1969589-1
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1969589-6
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1969589-7
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part # 1969589-8
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5




TE Part # 1969589-9
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



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

Also in the Series | Economy Power 2.5




Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



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



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



TE Part #52936
TERMINAL,PIDG SPR SPD 16-14 8



TE Part #3-641238-2
02P MTA100 CONN ASSY NATL 30AU



TE Part #CAT-P87074-T669
Locking Plate, POWER TRIPLE LOCK, TPA



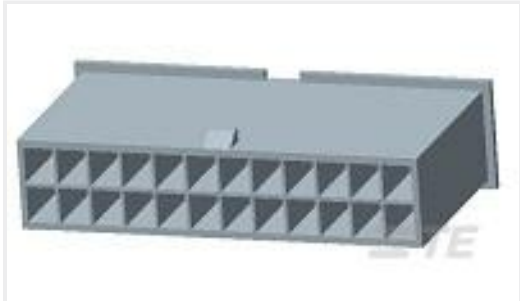
TE Part #350777-4
02P UMNL PLUG HSG UL94V0



TE Part #41802
250 FASTON FLAG REC 18-12 AWG TPBR



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



TE Part #2296206-6
6P FH PLUG VAL-U-LOK FH GW



TE Part #1376477-5
2.5MM PITCH SIGNAL MATE CONN



TE Part #3-770060-1
MINI AMP-IN PTLP/PHBZ

Documents

Product Drawings

HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969589-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969589-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969589-2_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English