



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-Panel, Wire-to-Wire**
Number of Positions: **8**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without



PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Connector Length	12.89 mm [.507 in]
Connector Height	19.97 mm [.786 in]
Connector Width	10.32 mm [.406 in]
Accepts Wire Insulation Diameter Range	1.3 – 1.7 mm [.051 – .067 in]
Wire Size	.13 – .33 mm ²
Row-to-Row Spacing	1.28 mm [.05 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

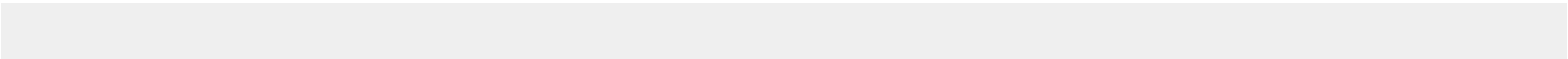
Packaging Quantity	10000
Packaging Method	Bag

Other

Comment	Panel Mount
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # 1969594-8 HSG,REC,PANEL MOUNT,DUALROW,EP2.5	 TE Part # 1969593-8 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5	 TE Part # 1-1969595-2 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5	 TE Part # 2-1969595-4 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5
 TE Part # 1-1969595-0 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5	 TE Part # 1-1969595-8 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5	 TE Part # 2-1969595-0 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5	 TE Part # 3-1969595-0 HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5



TE Part # 3-1969595-2
HSG,REC,FREE-HANGING,GWT,
DUALROW,EP2.5



TE Part # 3-1969595-8
HSG,REC,FREE-HANGING,GWT,
DUALROW,EP2.5



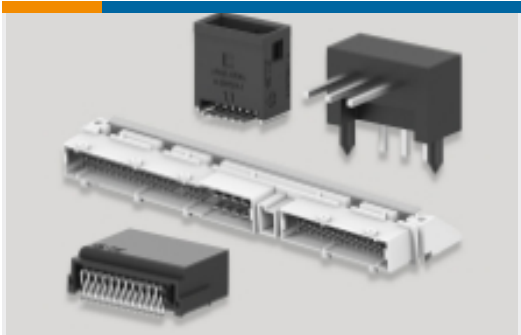
TE Part # 4-1969595-0
HSG,REC,FREE-HANGING,GWT,
DUALROW,EP2.5

Also in the Series

Economy Power 2.5



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(408)



PCB Latches, Locks & Retainers(49)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies
& Housings(311)



Wire-to-Board Connector Contacts(6)

Documents

Product Drawings

HSG,REC,FREE-HANGING,GWT,DUALROW,EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969595-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969595-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969595-8_A.3d_stp.zip

English

1969595-8

Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 8 Position, 2.5 mm [.098 in]
Centerline, Crimp, 2 Row, Natural, Mating Retention, Economy Power 2.5



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

Datasheets & Catalog Pages

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English