



Connectors &gt; Rectangular Connectors &gt; Rectangular Connector Housings

Connector System: **Wire-to-Board**Number of Positions: **8**Centerline (Pitch): **1 mm [ .039 in ]**Number of Rows: **1**Housing Material: **Polyamide**

## Features

### Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Insertion Force	4.9 Newton
Number of Positions	8
Number of Rows	1

### Electrical Characteristics

Operating Voltage	10 VAC
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### Contact Features

Contact Layout	Inline
Contact Current Rating (Max)	1 A

### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Color	Black
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Centerline (Pitch)	1 mm[.039 in]
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Housing Material	Polyamide
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### Dimensions

Connector Height	2.95 mm[.116 in]
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Product Width	7 mm[.276 in]
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Product Length	10.8 mm[.425 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Agency/Standard	UL
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UL Flammability Rating	UL 94V-0
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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



## Customers Also Bought



## Documents

### Product Drawings

PLUG HSG, 1.0VP REMODEL

Japanese

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2040974-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2040974-2\\_B.3d\\_igs.zip](#)

2040974-2

Rectangular Connector Housings, Wire-to-Board, 8 Position, .039 in [1 mm]  
Centerline, 1 Row, Polyamide, Housing for Male Terminals, Wire & Cable



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2040974-2\\_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