

1-967402-1 ✓ ACTIVE

TE Internal #: 1-967402-1

Housing for Male Terminals, Wire-to-Wire, 4 Position, .276 in [7 mm] Centerline, Sealable, Black, Panel Mount, -40 – 120 °C [-40 – 248 °F], Key 1

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Connectors > Automotive Connectors > Connector Housings > CIRCULAR DIN HOUSINGS



Connector & Housing Type: **Housing for Male Terminals**

Mating Pin Diameter: **2.5 mm [ .098 in ]**

Connector System: **Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **7 mm [ .276 in ]**

[All CIRCULAR DIN HOUSINGS \(51\)](#)

## Features

### Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	4
Number of Rows	2

### Electrical Characteristics

Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V

### Body Features



Cable Exit Angle	180°, 90°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	1

### Contact Features

Contact Size	2.5mm
Contact Type	Pin
Mating Pin Diameter	2.5 mm[.098 in]

### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	7 mm[.276 in]
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### Dimensions

Product Width	44 mm[1.732 in]
Product Length	39 mm[1.535 in]
Product Height	39 mm[1.535 in]
Row-to-Row Spacing	6 mm[.236 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

### Industry Standards

Degree of Protection	IP67, IP69K
UL Flammability Rating	UL 94HB

### Packaging Features

Packaging Quantity	450
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Packaging Method

Loose Piece

Other

Serviceable

Yes

Connector Position Assurance Capable

No

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

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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





## Documents

### Product Drawings

#### 2,5MM ST-GEH KPL 4P

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1-967402-1\\_D2.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-967402-1\\_D2.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-967402-1\\_D2.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Datasheets & Catalog Pages

#### CONNECTOR SELECTOR

English

### Product Specifications

#### Product Specification

English