

1-968968-1 ✓ ACTIVE

TE Internal #: 1-968968-1

12 V / 24 V / 48 V, 4 Position, Automotive Housing for Female

Terminals, Wire-to-Wire, 7 mm [.276 in] Centerline, Sealable, Black,

Wire & Cable, Power

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings > Circular DIN Housings



Nominal Voltage Architecture: 12 V, 24 V, 48 V

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

Number of Positions: 4

Sealable: **Yes**

Operating Temperature Range: -40 – 120 °C [-40 – 248 °F]

[All Circular DIN Housings \(59\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
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Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Cable Exit Angle	180 °
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Primary Product Color	Black
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Connector & Keying Code	1
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Contact Features

Contact Size	2.5mm
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Contact Type	Socket
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Mating Pin Diameter	2.5 mm[.098 in]
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Contact Current Rating (Max)	40 A
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Mechanical Attachment

Strain Relief	Without
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Terminal Position Assurance	No
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PBT GF30
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Centerline (Pitch)	7 mm[.276 in]
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Dimensions

Row-to-Row Spacing	7 mm[.276 in]
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Product Length	31 mm[1.22 in]
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Connector Height	32.9 mm[1.295 in]
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Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operating Temperature (Max)	120 °C[248 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP69K
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UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Box
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Packaging Quantity	500
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Other

Serviceable	No
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

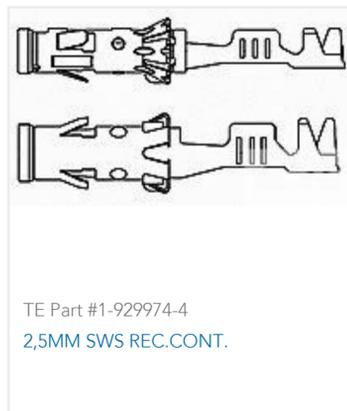
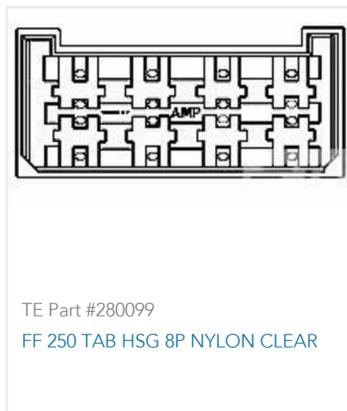
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

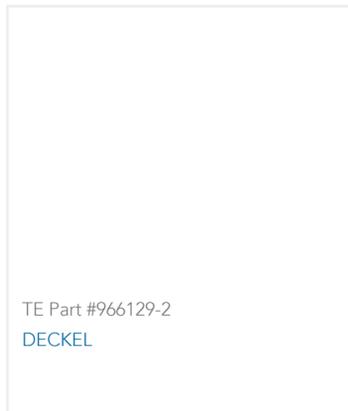
Compatible Parts





Customers Also Bought





Documents

Product Drawings

[2,5MM BU-GEH ASSY4P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-968968-1_C_c-1-968968-1-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968968-1_C_c-1-968968-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968968-1_C_c-1-968968-1-c.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

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