

967650-1 ✓ ACTIVE

TE Internal #: 967650-1

Housing for Female Terminals, Wire-to-Wire, 7 Position, Sealable,
Black, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 – 248
°F [-40 – 120 °C]

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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



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

Number of Positions: 7

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

Sealable: **Yes**

Mating Pin Diameter: 1.5 mm [.059 in]

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

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 7 |
|---------------------|---|

Electrical Characteristics

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

Body Features



| | |
|-------------------------|-----------|
| Cable Exit Angle | 180°, 90° |
| Primary Product Color | Black |
| Connector & Keying Code | A |

Contact Features

| | |
|---------------------|-----------------|
| Contact Size | 1.5mm |
| Contact Type | Socket |
| Mating Pin Diameter | 1.5 mm[.059 in] |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Terminal Position Assurance | No |
| Strain Relief | Add By Accessory |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|------------------|--------|
| Housing Material | PBT GF |
|------------------|--------|

Dimensions

| | |
|------------------|-------------------|
| Connector Height | 32.8 mm[1.291 in] |
| Product Width | 31 mm[1.22 in] |
| Product Length | 32.8 mm[1.291 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

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

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 500 |
| 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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # CAT-C4962-B128
Circular DIN Backshells



TE Part # CAT-C4962-CH8172
Circular DIN Housings



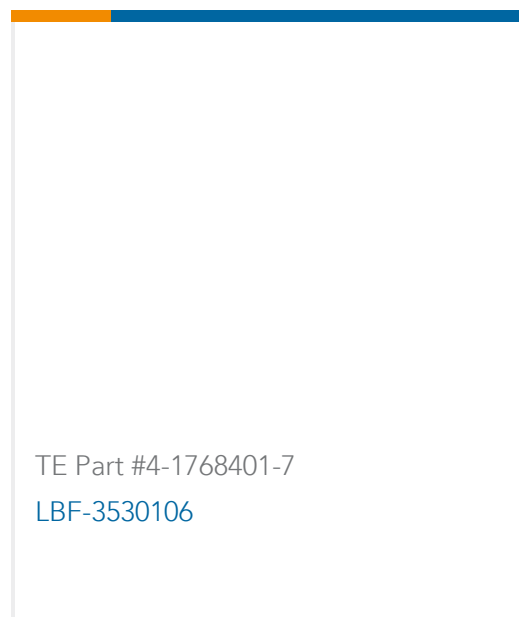
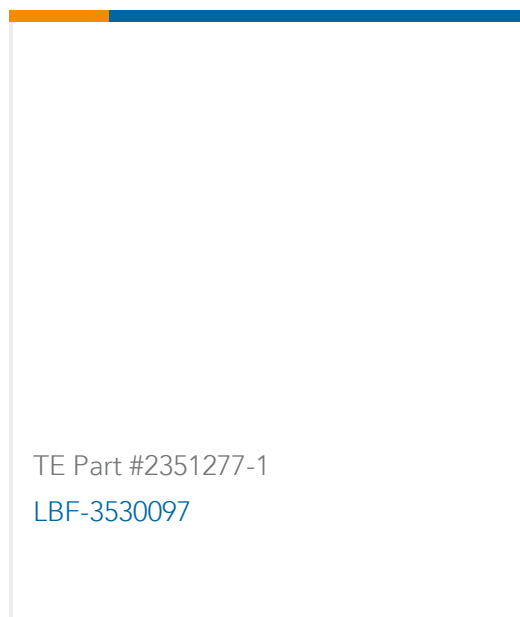
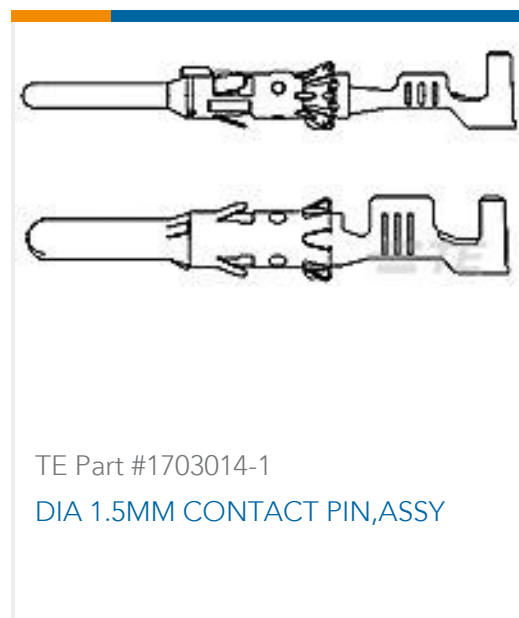
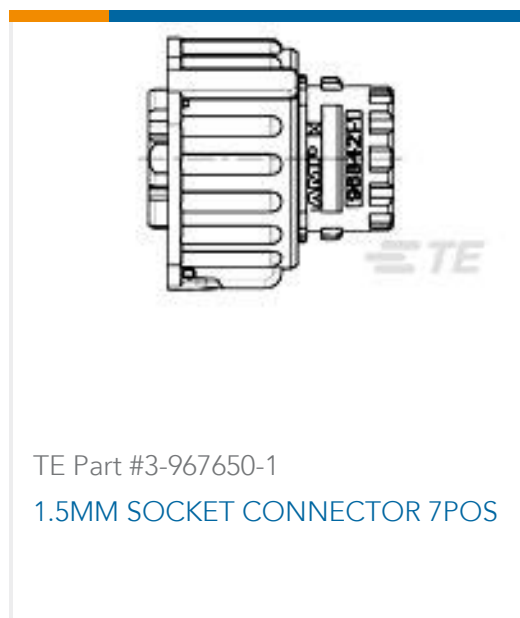
TE Part # 1718230-1
1,5MM PIN HSG 5-7 POS ASSY



TE Part # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI



Customers Also Bought



Documents

Product Drawings
1.5MM BU-STE KPL 7P
English

CAD Files
3D PDF
3D

Customer View Model
ENG_CVM_CVM_967650-1_G_c-967650-1-g.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_967650-1_G_c-967650-1-g.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_967650-1_G_c-967650-1-g.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