



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Component**  
Connector Mounting Type: **Cable Mount (Free-Hanging)**  
Number of Positions: **40**  
Centerline (Pitch): **1.45 mm [.057 in]**  
Sealable: **Yes**

Features

Product Type Features

|                         |                         |
|-------------------------|-------------------------|
| Connector Product Type  | Connector Assembly      |
| Connector System        | Wire-to-Component       |
| Sealable                | Yes                     |
| Circular Connector Type | Circular Connector Plug |
| Shell Type              | Metal                   |

Configuration Features

|                            |     |
|----------------------------|-----|
| Number of Positions        | 40  |
| Number of Power Positions  | 0   |
| Number of Signal Positions | 40  |
| Contacts Preloaded         | Yes |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 725 VAC |
|-------------------|---------|

Body Features

|                                             |                |
|---------------------------------------------|----------------|
| Shell Plating Material                      | Black Chromium |
| Shell Base Material                         | Copper Alloy   |
| Circular Connector Insulation Material Type | PEEK           |
| Hermetically Sealed                         | Yes            |

Contact Features



|                                 |          |
|---------------------------------|----------|
| Contact Current Rating (Max)    | 1 A      |
| Reverse Gender                  | No       |
| Contact Layout Arrangement      | Circular |
| Circular Connector Contact Type | Pin      |

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Retention Type   | Push-Pull Self-Locking     |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Polarization Code       | 1                          |
| Mating Alignment Type   | Polarization               |
| Mating Retention        | With                       |

Housing Features

|                               |                  |
|-------------------------------|------------------|
| Centerline (Pitch)            | 1.45 mm[.057 in] |
| Circular Connector Shell Size | 5                |

Dimensions

|                               |               |
|-------------------------------|---------------|
| Panel Thickness (Recommended) | 3 mm[.118 in] |
| Wire Size                     | 28 AWG        |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded            | No     |

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 16 |
|--------------------|----|

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: JAN 2025 (247)

SVHC > Threshold:

Pb (1.4% in component part)

Article Safe Usage Statements:  
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

|                           |                                                                                  |
|---------------------------|----------------------------------------------------------------------------------|
| Halogen Content           | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Hand solderable with tin/lead solder                                             |

Product Compliance Disclaimer

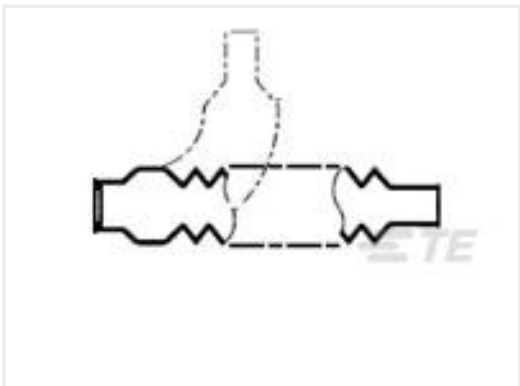
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2101553-2  
[PLUG,7 POS,CIRCULAR HD,PCB,POL1](#)

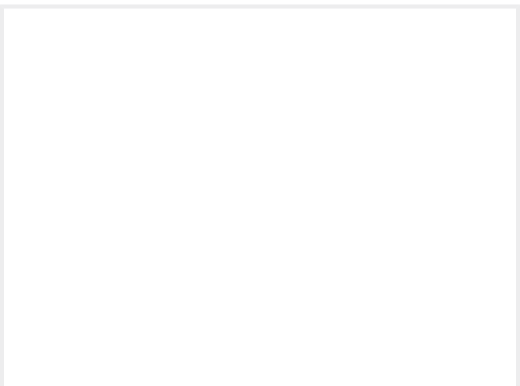
Customers Also Bought



TE Part #806252-000  
[202C632-51-0](#)



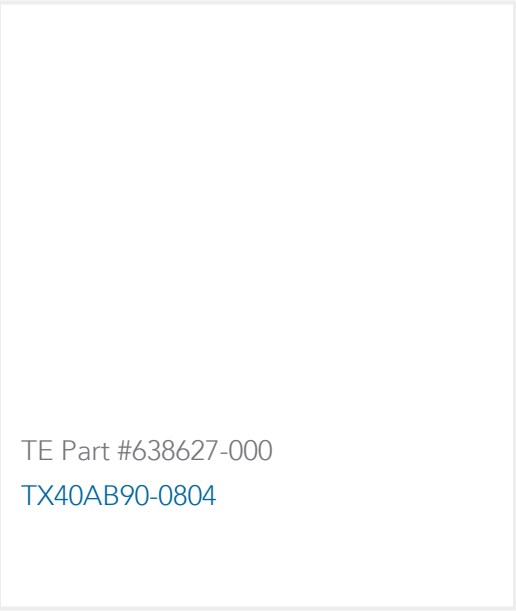
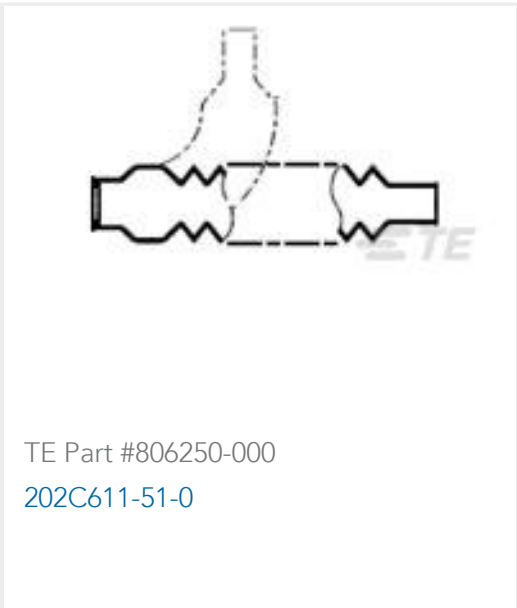
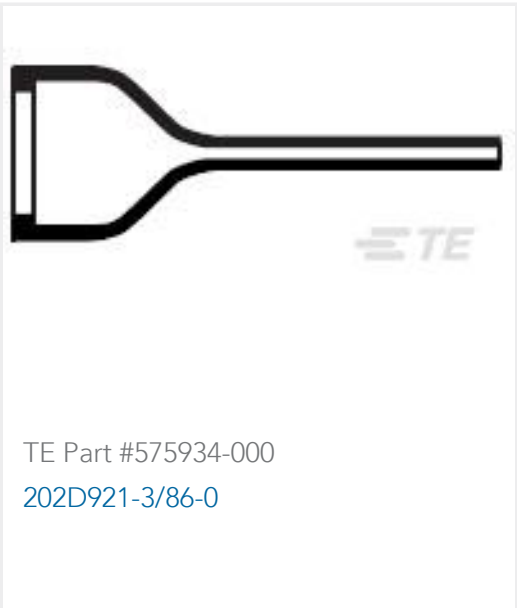
TE Part #HDC16-9-E004  
[DUST CAP ASM](#)



TE Part #CW1922-000  
[2020D1301-9](#)



TE Part #K1022530  
[Switch guard 07-0-0-01](#)



Documents

Product Drawings

[PLUG,40 POS,Sz105,w/SOLDER CUPS,140 POT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2101551-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2101551-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2101551-1\\_B.3d\\_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English