



Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Right Angle, 1.27mm



Number of Positions: 50  
Connector & Housing Type: Receptacle  
Connector System: Cable-to-Board  
Connector Mounting Type: Board Mount  
Centerline (Pitch): 1.27 mm [.05 in]

[All D-Sub Receptacle Assembly: Right Angle, 1.27mm \(73\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Shell Material Configuration      | Full Metal Shell      |
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Cable-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                       |             |
|-----------------------|-------------|
| Number of Positions   | 50          |
| Number of Rows        | 2           |
| PCB Mount Orientation | Right Angle |

Body Features

|                                   |              |
|-----------------------------------|--------------|
| Assembly Process Feature Material | Copper Alloy |
| Shell Plating Finish              | Bright       |
| Shell Plating Material            | Nickel       |
| Primary Product Color             | Black        |
| Connector Profile                 | Standard     |

Contact Features

|                               |                  |
|-------------------------------|------------------|
|                               | 30 μin           |
| Contact Underplating Material | Palladium Nickel |



|                                               |                                |
|-----------------------------------------------|--------------------------------|
| Contact Mating Area Plating Material          | Gold or Gold Flash             |
| Contact Base Material                         | Phosphor Bronze                |
| PCB Contact Termination Area Plating Material | Tin-Lead, Tin-Lead over Nickel |
| Contact Current Rating (Max)                  | 1 A                            |
| Contact Options                               | Installed                      |

Termination Features

|                                               |                       |
|-----------------------------------------------|-----------------------|
| Rectangular Termination Post & Tail Width     | .41 mm[.016 in]       |
| Rectangular Termination Post & Tail Thickness | .3 mm[.011 in]        |
| Termination Method to PCB                     | Through Hole - Solder |
| Termination Post & Tail Length                | 2.54 mm[.1 in]        |

Mechanical Attachment

|                                           |                      |
|-------------------------------------------|----------------------|
|                                           | .1 in                |
| Mounting Feature Plating Material         | Nickel over Copper   |
| Mounting Feature Material                 | Zinc                 |
| Mating Alignment                          | Without              |
| PCB Mount Alignment                       | Without              |
| Assembly Process Feature Plating Material | Tin-Lead over Nickel |
| Connector Mounting Type                   | Board Mount          |
| PCB Mount Retention                       | With                 |
| PCB Mount Retention Type                  | Boardlock            |
| Mating Retention                          | With                 |
| Mating Retention Type                     | Mounting Holes       |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Thermoplastic   |
| Shell Material     | Carbon Steel    |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

|                             |                  |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Row-to-Row Spacing          | 2.54 mm[.1 in]   |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application



|                     |        |
|---------------------|--------|
| Shielded            | Yes    |
| Circuit Application | Signal |

Industry Standards

|                                             |           |
|---------------------------------------------|-----------|
| UL Flammability Rating                      | UL 94V-0  |
| Compatible With Approved Standards Products | UL E28476 |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 10   |
| Packaging Method   | Tube |

Product Compliance

For compliance documentation, visit the product page on TE.com>

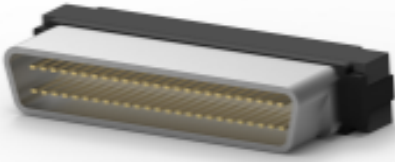
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                    |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (13% in 4690948374)<br><b>Article Safe Usage Statements:</b><br>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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                          |
| Solder Process Capability                     | Not lead free process capable                                                                                                                                                                                                                                                                                                                                                                                           |

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 # 5749111-4

50 50SR CABLE PLUG ASSY

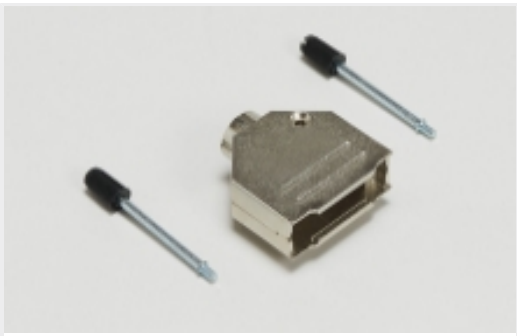
Also in the Series | **AMPLIMITE 0.50 Series**



Connector Backshells(20)



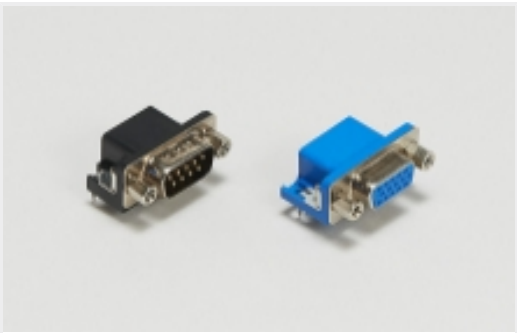
Connector Caps & Covers(20)



D-Sub Backshells & Clamps(20)

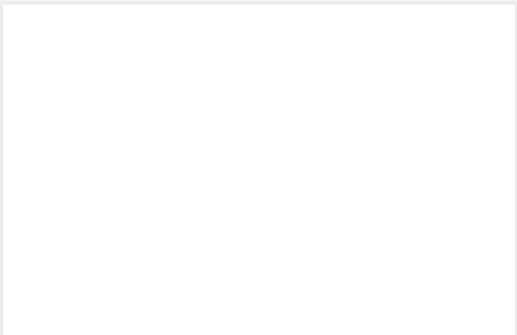


Insertion & Extraction Tools(1)



PCB D-Sub Connectors(171)

Customers Also Bought



TE Part #185887-000

CTA-0123



TE Part #ZPF000000000013302

DBAS 76-37-924 PN 1A



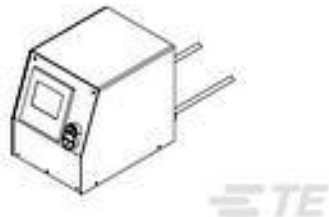
TE Part #3-839564-1

LEAD, SGL END ASSY, LGH



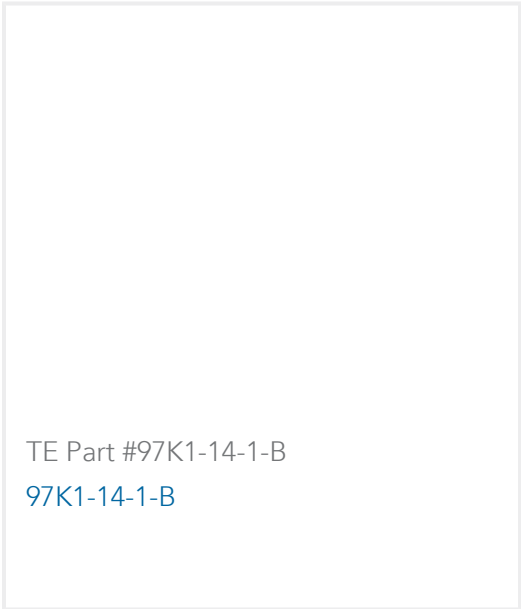
TE Part #2174225-1

Push-Pull 7P Rece PS S-Tail Cont KIT/N



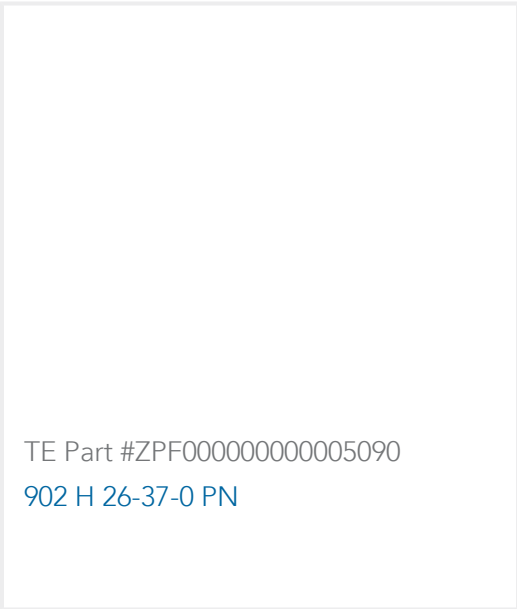
TE Part #2221641-2

WAFFLE IRON KIT - MODEL 350, 230V



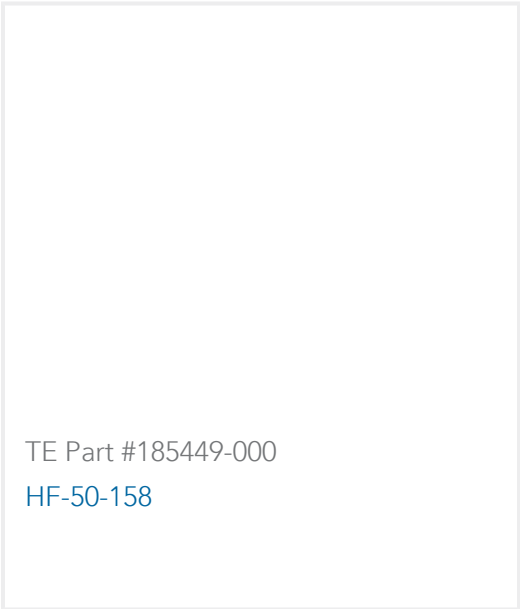
TE Part #97K1-14-1-B

97K1-14-1-B



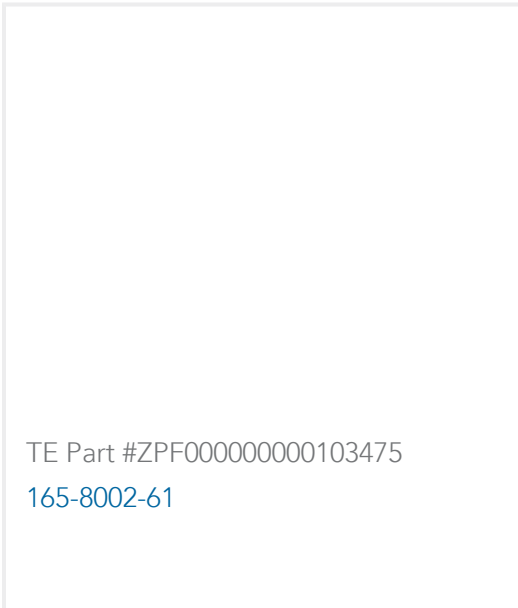
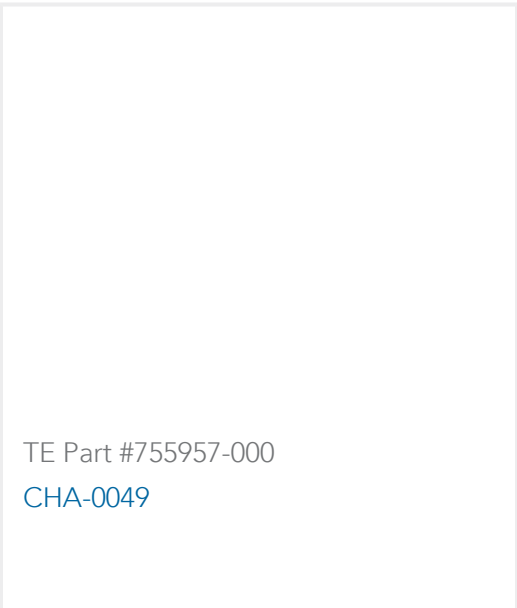
TE Part #ZPF000000000005090

902 H 26-37-0 PN



TE Part #185449-000

HF-50-158



Documents

Product Drawings

50 50SR R/A RCPT ASSY,REDESIGN

English

CAD Files

Customer View Model

ENG\_CVM\_787395-5\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_787395-5\_N.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_787395-5\_N.2d\_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English