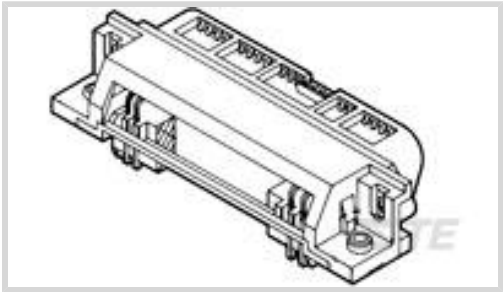




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, 2.16mm



Connector & Housing Type: **Receptacle**
Connector System: **Cable-to-Board**
Number of Positions: **24**
Centerline (Pitch): **2.16 mm [.085 in]**
Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, 2.16mm \(20\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|-------------|
| Number of Positions | 24 |
| Number of Rows | 2 |
| PCB Mount Orientation | Right Angle |

Body Features

| | |
|-----------------------|----------|
| Primary Product Color | Black |
| Connector Profile | Standard |

Contact Features

| | |
|---|--------------------|
| | 30 μin |
| Contact Mating Area Plating Material | Gold or Gold Flash |
| Contact Underplating Material | Palladium Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 3.5 A |



Termination Features

| | |
|---|-----------------------|
| Rectangular Termination Post & Tail Thickness | .25 mm[.01 in] |
| Rectangular Termination Post & Tail Width | .5 mm[.019 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|---------------------------|---------------|
| Mounting Feature Material | Thermoplastic |
| Panel Attachment Style | Rear Mount |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Self-Tapping |
| Mating Retention | With |
| Mating Retention Type | Screwlocks |
| Connector Mounting Type | Panel Mount |

Housing Features

| | |
|--------------------|------------------|
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 2.16 mm[.085 in] |

Dimensions

| | |
|-------------------------------|------------------|
| Panel Thickness (Recommended) | 1.57 mm[.062 in] |
| Row-to-Row Spacing | 4.3 mm[.169 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 - 105 °C[-40 - 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

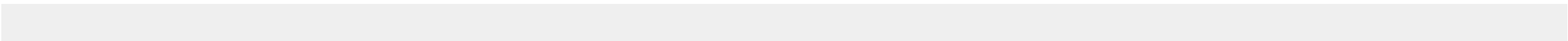
| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 60 |
| Packaging Method | Tray |

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: JUL 2021 (219) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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 # 229974-1
ASSY, PLUG, 50 POS, B SLOT

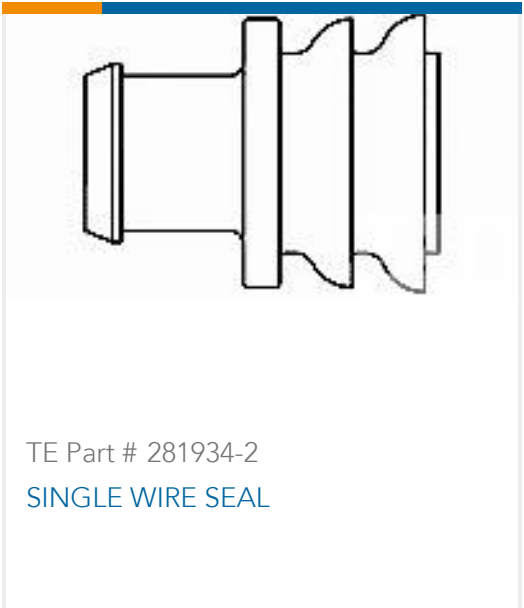
Customers Also Bought

TE Part # DT04-2P
REC, 2P, GRY, N

TE Part # W2S
Wedgelocks: DEUTSCH DT

TE Part # 0460-202-16141
DEUTSCH Solid Contacts

TE Part # 282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



Documents

Product Drawings

ASSY, RCPT, 24 POSN, RTANG PCB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5552740-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5552740-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5552740-1_B.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