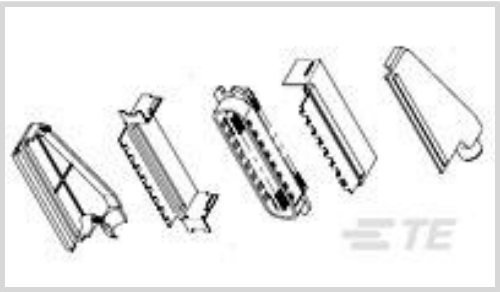




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm



Connector & Housing Type: **Plug**

Stranded Wire Size: **26 AWG, 27 AWG, 28 AWG**

Shielded: **Yes**

Connector System: **Cable-to-Cable**

[All IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm \(13\)](#)

Features

Product Type Features

| | |
|-----------------------------------|----------------|
| Connector Kit Type | Connector Kit |
| Connector & Housing Type | Plug |
| Connector System | Cable-to-Cable |
| Connector Product Type | Connector Kit |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|-----------------------------------|-------------------------------------|
| Number of Positions | 50 |
| Number of Rows | 2 |
| Compatible With Wire & Cable Type | Discrete Wire, Round Jacketed Cable |

Body Features

| | |
|-------------------------|----------------------|
| Insert Material | ABS Molding Compound |
| Cable Exit Angle | 90° |
| Shield Plating Material | Nickel |
| Shield Material | Carbon Steel |
| Connector Profile | Standard |

Contact Features

| | |
|--|--------|
| | 30 µin |
|--|--------|



| | |
|--------------------------------------|------------------|
| Contact Mating Area Plating Material | Gold, Gold Flash |
| Contact Underplating Material | Palladium Nickel |
| Contact Current Rating (Max) | .5 A, 1 A |

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Mating Retention | With |
| Mating Retention Type | Screwlocks |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

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

Dimensions

| | |
|---|-----------------------------|
| Accepts Cable Insulation Diameter Range | 1.14 mm[.045 in] .045 in |
| Stranded Wire Size | 26 AWG, 27 AWG, 28 AWG |
| Wire Size | 26 AWG, 27 AWG |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 - 75 °C[-40 - 167 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 500 |
| Packaging Method | Package |

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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 229974-1
ASSY, PLUG, 50 POS, B SLOT

Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(28)



Connector Hardware(30)



Connector Strain Relief(3)



Docking Connectors(25)



IDC D-Sub Connectors(69)

Customers Also Bought



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



TE Part # W2S
Wedgelocks: DEUTSCH DT



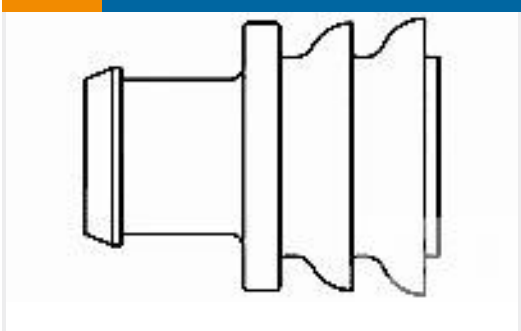
TE Part # 0460-202-16141
DEUTSCH Solid Contacts



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



TE Part # DT06-2S
PLG, 2P, GRY, N



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

PLUG KIT, POST MLDG, E SLOT

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-555012-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_5-555012-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_5-555012-2_J.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English