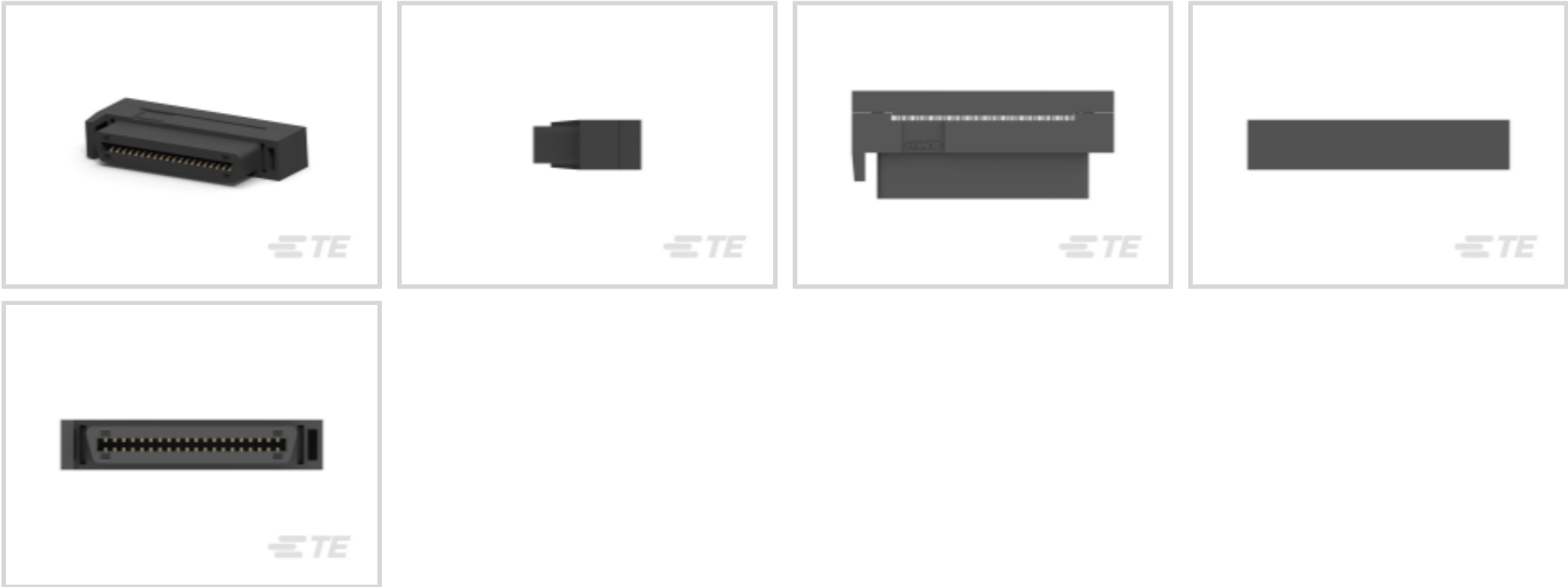




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors



Connector & Housing Type: **Receptacle**

Shielded: **No**

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

Number of Positions: **40**

Centerline (Pitch): **1.27 mm [.05 in]**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector Product Type	Connector Assembly
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	40
Compatible With Wire & Cable Type	Flat Ribbon Cable

Contact Features

Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features



Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Housing Color	Black
Housing Material	Polyester
Centerline (Pitch)	1.27 mm [.05 in]

Dimensions

Wire Size	.05 mm ²
-----------	---------------------

Usage Conditions

Operating Temperature Range	-35 – 85 °C [-31 – 185 °F]
-----------------------------	----------------------------

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Tube
------------------	------

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1734099-4
Champ 050 series,plug assembly

TE Part # 1734100-4
Champ050 series,40pos,Au over PdNi

Also in the Series | CHAMP .050 Series I

IDC D-Sub Connectors(6)

PCB Headers & Receptacles(140)

Standard Rectangular Connectors(1)

Documents

- Product Drawings

Champ050 40p A/P RCPT 25CL PB

English
- CAD Files

Customer View Model

ENG_CVM_CVM_1734098-4_B.2d_dxf.zip

English
- 3D PDF

3D

Customer View Model

ENG_CVM_CVM_1734098-4_B.3d_igs.zip

English
- Customer View Model

ENG_CVM_CVM_1734098-4_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