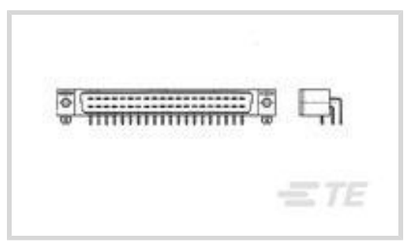
900413-1 ✔ ACTIVE

TE Internal #: 900413-1

PCB D-Sub Connectors, Plug, Wire-to-Board, 40 Position, 2.54mm [.1in] Centerline, 2 Row, Row-to-Row Spacing 2.54 mm [.1 in], Rectangular, Right Angle

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Plug**

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

Number of Positions: **40**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Rows: **2**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector
Connector Type	Header

Configuration Features

Number of Positions	40
Number of Rows	2
PCB Mount Orientation	Right Angle

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Brass
Contact Shape & Form	Rectangular
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3 mm[.118 in]

Mechanical Attachment

PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Mating Retention Type	Screwlocks
Connector Mounting Type	Board Mount
Mating Alignment	With
Mating Alignment Type	Guide Pin

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic Polyester - GF
Housing Color	Black

Dimensions

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

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Operation/Application

Circuit Application	Signal

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (3.7% in Component) **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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 265°C

Product Compliance Disclaimer

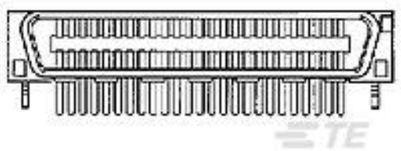
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1903404-2
PC I/O BULK PACKING

Customers Also Bought



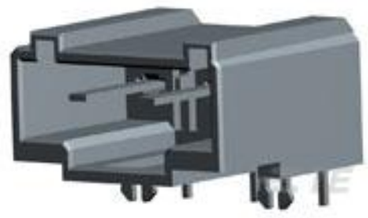
TE Part #3-5179275-8
CHAMP 050-I PLUG H ASSY 68P



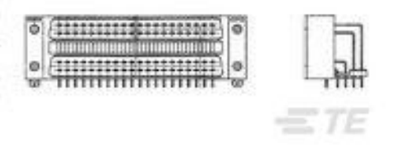
TE Part #3-5175475-8
CHAMP 050 B/B REC V W/LEG 68P



TE Part #3-5175475-9
CHAMP 050 B/B REC V W/LEG 80P



TE Part #4-2013519-3
DYNAMIC D3900 H-HDR ASSY 3P Y NATURAL



TE Part #900412-1
PC I/O RETENTION LEG ASSY 80P



TE Part #3-5175473-5
CHAMP 050 B/B PLUG V W/LG 40P



TE Part #2-178216-2
DYNAMIC D-3400 HDR H ASSY 11P



TE Part #2-87025-5
02 MODI CRMP S-I HSG SR .156CL



TE Part #3-178216-2
DYNAMIC D-3400 HDR H ASSY 11P



TE Part #4-178216-2
DYNAMIC D-3400 HDR H ASSY 11P

Documents

Product Drawings

PC I/O RETENTION LEG ASSY 40P

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_900413-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_900413-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_900413-1_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English