

1747053-1 ✓ ACTIVE

TE Internal #: 1747053-1

PCB D-Sub Connectors, Plug, Wire-to-Board, 40 Position, .1 in [2.54 mm] Centerline, 2 Row, Rectangular, Vertical, Mating Retention

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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
Connector Type	Header
Product Type	Connector

Configuration Features

Number of Positions	40
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Post Size	.5 x .56 mm [.02 x .022 in]
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Contact Features

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	4.19 mm [.165 in]

Mechanical Attachment



PCB Mount Alignment	Without
PCB Mount Retention	Without
PCB Mount Retention Type	Screw Mount
Mating Retention	Without
Mating Retention Type	Screwlocks
Connector Mounting Type	Board Mount
Mating Alignment	With
Mating Alignment Type	Integral with mating surface

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester
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]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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	<p>Current ECHA Candidate List: JUL 2021 (219)</p> <p>Candidate List Declared Against: JUL 2021 (219)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in Component)</p> <p>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.</p>



Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 265°C
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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 # 1903404-1
KIT,PC I/O CONN.MT 40P



TE Part # 1903404-2
PC I/O BULK PACKING

Customers Also Bought



TE Part #2007178-1
SFP+ 1x4 Cage Assembly, Light



TE Part #350782-1
09P UMNL CAP HSG



TE Part #1658744-3
SFP 1X4 CAGE ASSY



TE Part #178289-6
DYNAMIC 3100 REC HSG 12P DBL



TE Part #175288-2
Contact: Component To Wire; 15A, 28-14 wire size



TE Part #7-1414778-3
V23130C2421A431-EV-CBOX



TE Part #61907-1
187 FASTON TAB TPBR



TE Part #1903404-2
PC I/O BULK PACKING

Documents



Product Drawings

[40 P HDR ASSY - V TYPE PC.I/O CONN.](#)

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1747053-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1747053-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1747053-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

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