1747053-1 ✔ ACTIVE

AMP

TE Internal #: 1747053-1

40 Position D-Shaped Connector, Plug, Wire-to-Board, Board Mount, 2.54 mm [.1 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **40**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

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

Features

Product Type Features

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

Configuration Features

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

Body Features

Primary Product Color	Black

Contact Features

Contact Base Material	Brass
Contact Shape & Form	Rectangular
Contact Current Rating (Max)	3 A
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.56 mm[.022 in]
Rectangular Termination Post & Tail Thickness	.5 mm[.019 in]
Termination Method to PCB	Through Hole - Solder

Termination Post & Tail Length	4.19 mm[.165 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.7% in 14649568768) 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	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 # 1903404-2
PC I/O BULK PACKING

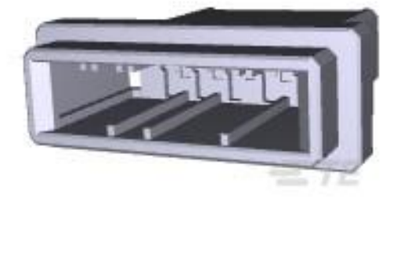


TE Part # 1903404-1
KIT,PC I/O CONN.MT 40P

Customers Also Bought



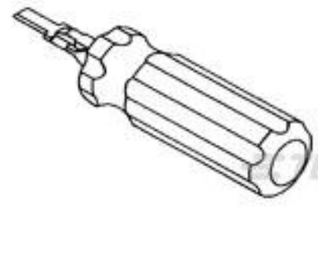
TE Part #CAT-D9934-A75
Contact: Component To Wire; 15A, 28-14 wire size



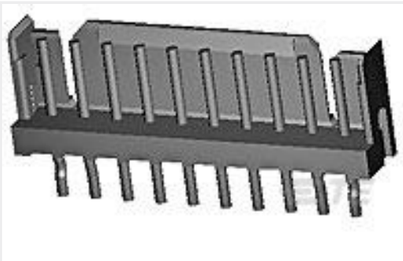
TE Part #1-177648-5
D3100S DYNAMIC W-T-W TAB HSG



TE Part #178327-2
16-P POST HDR D-3100D V PdNI & Au 0.38



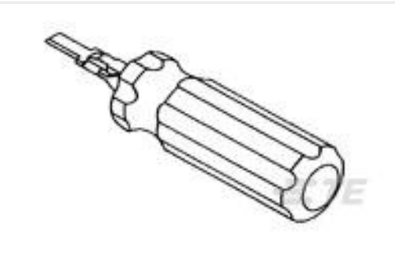
TE Part #234168-1
EXTRACTION TOOL(DYNAMIC D-3)



TE Part #292161-5
CT P/HDR ASSY V 5P W/KINK NAT



TE Part #292254-3
CT RELAY HDR ASSY 3P NAT



TE Part #1276716-1
EXT-TOOL FOR DYNAMIC D2 CONN



TE Part #3-1625984-5
HSA50 24R 5%



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