1-1734741-0 SUPERSEDED

FPC

TE Internal #: 1-1734741-0

TE Internal Description: .5 FPC VT ZIF Type-B 10 CONT

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors



Centerline (Pitch): **.5 mm [.02 in]**

Insertion Force Type: **Zero Insertion Force (ZIF)**

PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Surface Mount**

FPC Actuator Type: **Stuffer**

Features

Product Type Features

PCB Connector Type	PCB Mount Receptacle
Connector & Contact Terminates To	Flexible Printed Circuit (FPC), Printed Circuit Board
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)
FPC Actuator Type	Stuffer

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Vertical
Number of Positions	10

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Black

Contact Features

	120 µin
Contact Current Rating (Max)	.5 A

Contact Shape & Form	Single Beam
Contact Layout	Staggered Type B
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.025 µm[120 µin]
Contact Mating Area Plating Material	Gold Flash

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	Without

Housing Features

Housing Material	PA 9T GF
Centerline (Pitch)	.5 mm[.02 in]

Dimensions

Connector Width	3.8 mm[.15 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Height	4.15 mm[.163 in]
Connector Length	10.7 mm[.421 in]

Usage Conditions

Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]

Operation/Application

Circuit Application	Signal

Identification Marking

Circuit Identification Feature	Without

Packaging Features

Packaging Method	Tape
Packaging Quantity	1000

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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

Customers Also Bought



TE Part #CAT-D9934-A75
DYNAMIC 3000 CONTACT



TE Part #1-178318-2
DYNAMIC D3100 HDR V 10P ASSY X PdNi PL



TE Part #CAT-D9934-A75A
DYNAMIC 3100 REC AND TAB HSG



TE Part #2-917338-2
DYNAMIC 3200 VERTI. HDR ASY 4P PdNi



TE Part #CAT-D9934-A66B
DYNAMIC 2000 HDR ASSY



TE Part #1-1827872-6
DYNAMIC 1100D HDR ASSY V 32PX BLACK GOLD

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-1734741-0_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1734741-0_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1734741-0_O.3d_stp.zip

English

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Datasheets & Catalog Pages

1-1773959-7-FPC-Connectors-CN

English

Product Specifications

Product Specification

English