1-84984-0 ✔ ACTIVE

FPC

TE Internal #: 1-84984-0

1 mm [.039 in] Centerline, Non ZIF, Vertical, Through Hole - Solder, Tin, 10 Position, FPC Connectors

View on TE.com >

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







Centerline (Pitch): **1 mm [.039 in]**

Mating Retention Type: **Non ZIF**

PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Solder**

Contact Mating Area Plating Material: **Tin**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)

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	125 VAC

Body Features

Primary Product Color	White

Contact Features

PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Layout	Staggered Type A
Contact Type	Socket
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Single Beam
Contact Mating Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Solder Tails
Connector Mounting Type	Board Mount
Mating Retention Type	Non ZIF

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	1 mm[.039 in]

Dimensions

Connector Length	12 mm[.472 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Height	5.6 mm[.22 in]
Connector Width	3 mm[.118 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Identification Marking

Circuit Identification Feature	With

Packaging Features

Packaging Quantity	39
Packaging Method	Box & Tube, 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-84983-0
1mm FFC DIP H ASSY 10P TUBE

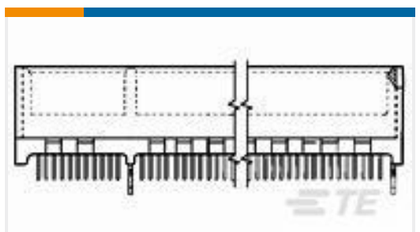
Customers Also Bought



TE Part #3-1393789-5
V23079A2001B301



TE Part #1-1473005-1
SEMI HARD TRAY DDR SOCKET 200P



TE Part #5145167-4
STANDARD EDGE .050 SERIES 60 DUAL ASSY



TE Part #1-1825910-4
FSM8JH=6MM TACT SWITCH, HIGH TEMP



TE Part #3-1827231-6
.5FHR04H,440,B,GIG,08/Sn,HT,NS



TE Part #1-2176326-7
CRGP 0603 220R 1%



TE Part #CQ50303001
RAY-101-10.0(10)



TE Part #1658525-8
622-1653LF, PCB IDC, LEAD FREE



TE Part #484290-E
MSPEED 50 M SMD M10 BE AB VV 137 094 * 2



TE Part #2-1977223-4
FSM8JSMASTR=6MM TACT SWITCH, SMT 160gf,

Documents

Product Drawings

1mm FFC DIP V ASSY 10P TUBE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-84984-0_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-84984-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-84984-0_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

FPC Connector Family

English

1-1773959-7-FPC-Connectors-CN

English

Product Specifications

Product Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-962915-1 1393431-1 1743455-2 175977-2 2377783-2 650075-000 2005330-1 MPT100C18RF ROX05SJ18R U5254-000005-030PA 2310537-1 CPF0402B37K4E1 CRGCQ2010J3K3 3-1393225-0 TE50BR39J 3430B2F51RTDF 2834055-1 2-292161-3 SBCHE154R7K SBCHE64R7K SMW73R0JT 141991-2 1903112-2 1969656-1 2380312-2 3631B101LL 917696-1 RH73H2A40MKTN 936348-1 1-794222-0