



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



Centerline (Pitch): .25 mm [.009 in]

Mating Retention Type: Zero Insertion Force (ZIF)

PCB Mount Orientation: Right Angle

Contact Mating Location: Bottom

Termination Method to PCB: Surface Mount

Features

Electrical Characteristics

Operating Voltage	50 VDC
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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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Body Features

Primary Product Color	Natural
Actuator Color	Black

Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Quantity	3500
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Packaging Method

Tape & Reel

Dimensions

Accepts Flex Cable Thickness	.2 mm[.008 in]
Connector Width	3.2 mm[.126 in]
Connector Height	1.3 mm[.051 in]
Connector Length	12 mm[.472 in]

Product Type Features

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

Termination Features

Termination Post & Tail Length	.6 mm[.024 in]
Termination Method to PCB	Surface Mount

Contact Features

Contact Mating Area Plating Material Thickness	.1 µm[3.937 µin]
Contact Current Rating (Max)	.2 A
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material Thickness	.1 µm[3.937 µin]
Contact Layout	Staggered
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Type	Socket
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Gold Flash

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	41

Mechanical Attachment



Connector Mounting Type	Board Mount
PCB Mount Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Mating Retention Type	Zero Insertion Force (ZIF)

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.25 mm[.009 in]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°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 # 1-1734592-6
FPC CONN. 0.5MM PITCH B/C, 16P

Customers Also Bought

TE Part #640455-4
04P MTA100 HDR ASSY SQ R/A POL

TE Part #5103308-1
A/L LOW PRO HDR 10P VERT BLACK

TE Part #282834-2
TERMI-BLOK PCB MOUNT, 90 2P.

Documents

Product Drawings

EMBOSS TAPING 0.25FPC BF-L-1.3

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2040832-6_E.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-2040832-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2040832-6_E.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Flexible Printed Circuit Connectors - FPC (Virtual Sample Kit)

English

8-1773459-2_Fine_Pitch_FPC_conn_QRG

English



Product Specifications

0.25FPC BF-L-1.3H (Slant type)

Japanese

Product Specification

Japanese

Instruction Sheets

0.25FPC BF-L-1.3H

Japanese

Instruction Sheet (non U.S.)

Japanese