

FPC CONN. 0.5MM PITCH B/C, 10P

✓ ACTIVE

FPC

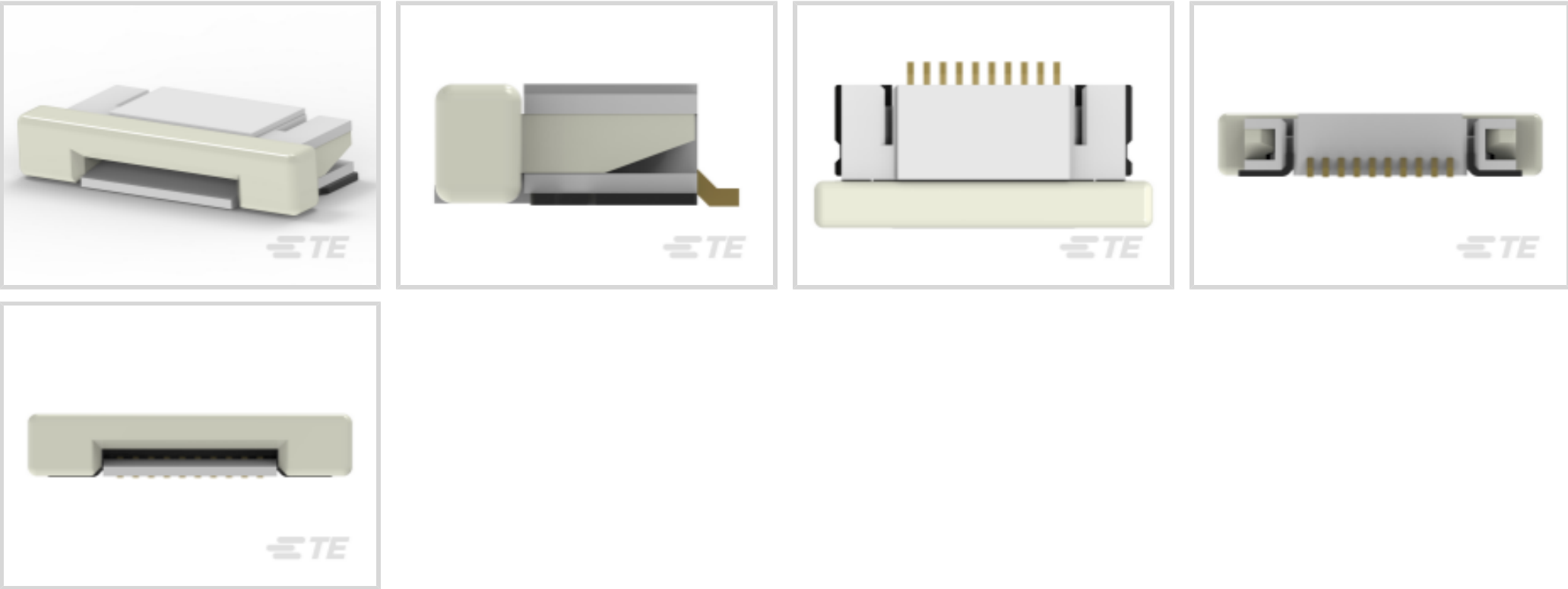
TE Part # 1-1734592-0

TE Internal #: 1-1734592-0

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



Connector System: **Flex-to-Board**

Number of Positions: **10**

Centerline (Pitch): **.5 mm [.0197 in]**

Insertion Force: **ZIF**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

Series	FPC
Connector System	Flex-to-Board
Insertion Force	ZIF
Actuator Type	Stuffer
Sealable	No
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)
Connector Type	Connector Assembly
Connector Style	Receptacle
Wire/Cable Type	FPC/FFC
Shielded	No

Configuration Features

Number of Positions	10
PCB Mount Orientation	Right Angle
Number of Rows	1

Electrical Characteristics

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Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	.5 A
Contact Design	Single Beam
Contact Termination Area Plating Thickness	.025 µm[100 µin]
Contact Type	Socket
Contact Transmits (Typical)	Signal (Data)
Contact Mating Area Plating Thickness	.025 µm[100 µin]

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	.5 mm[.0197 in]
Housing Color	Natural
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Height	2.05 mm[.08 in]
Width	5.1 mm[.2 in]
Flex Cable Thickness	.3 mm[.012 in]
Length	10.43 mm[.4106 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

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Circuit Application	Signal
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Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Quantity	2000
Packaging Method	Tape

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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

FPC CONN. 0.5MM PITCH B/C, 10P

TE Part # 1-1734592-0
TE Internal #: 1-1734592-0



TE Part # 1-1775333-0
ZIF FPC 0.5, 2H, 10P

TE Part # 1-2328702-0
10PIN 0.5MMP FPC CONN, BACK FLIP LOCK

Customers Also Bought

TE Part #3-644456-2
02P MTA100 HDR ASSY (NARROW)

TE Part #1625854-2
0805 PROBE PAD

TE Part #1981568-1
MICRO USB, TYPE B,

TE Part #1-1734592-2
FPC CONN. 0.5MM PITCH B/C, 12P

TE Part #1-1734839-0
FPC CONN. 0.5MM PITCH T/C,10P

TE Part #1734592-8
FPC CONN. 0.5MM PITCH B/C, 8P

TE Part #1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL

TE Part #1565917-4
EMBOSS ASSY DDR2 SODIMM SOCKET 200P 5.2H

TE Part #1473149-4
SEMI-HARD TRAY ASSY DDR2 SODIMM 5.2H ST

TE Part #2-1624117-0
BMB-L 0805 1K

Documents

Product Drawings

FPC CONN. 0.5MM PITCH B/C, 10P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1734592-0_C_c-1-1734592-0-c.3d_stp.zip

English

Customer View Model



[ENG_CVM_CVM_1-1734592-0_C_c-1-1734592-0-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1734592-0_C_c-1-1734592-0-c.3d_igs.zip](#)

English

[3D PDF](#)

3D

Datasheets & Catalog Pages

[FPC Connector Family](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English