



FPC

TE Internal #: 1-1734839-6

TE Internal Description: FPC CONN. 0.5MM PITCH T/C,16P

[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: **Right Angle**

Contact Mating Location: **Top**

Termination Method to PCB: **Surface Mount**

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	Right Angle
Number of Positions	16

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Current Rating (Max)	.5 A
PCB Contact Termination Area Plating Material Thickness	.025 μm[.984 μin]

Contact Shape & Form	Single Beam
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.025 μm [.984 μin]
Contact Mating Location	Top
Contact Mating Area Plating Material	Gold Flash

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

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

Housing Features

Housing Material	Liquid Crystal Polymer (LCP)
Centerline (Pitch)	.5 mm[.02 in]

Dimensions

Connector Width	5.1 mm[.2 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Height	2.05 mm[.08 in]
Connector Length	13.43 mm[.529 in]

Usage Conditions

Operating Temperature Range	-40 – 85 $^{\circ}\text{C}$ [-40 – 185 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	2000

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: JUL 2021 (219) 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 #84982-4
1MM FFC SMT V ASSY 4P EMBOSS



TE Part #745254-7
20 DF PIN CONT L.P.



TE Part #9-1879208-9
CPF0402 150K 0.1% 25PPM 5K RL



TE Part #1-1879214-6
CPF 0402 464R 0.1% 25PPM 1K RL



TE Part #2-2176058-2
RLP73N 3A R075 5% 2K RL



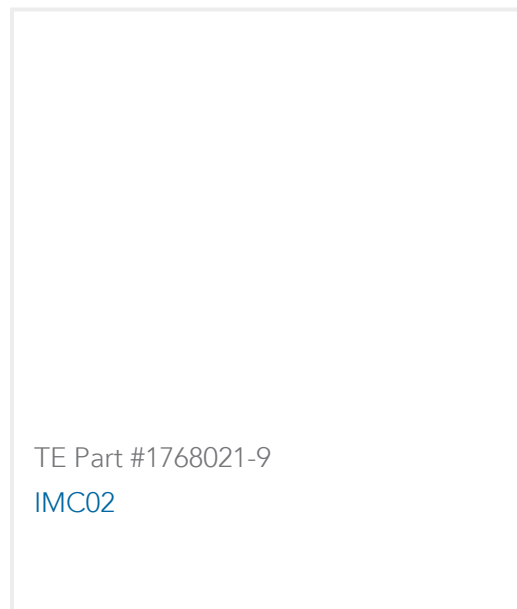
TE Part #3-2176070-9
3521 390R 1% 2W



TE Part #2227023-1
CAGE ASSY PRESS FIT, SFP



TE Part #2227316-1
DWDM Cage Assembly, 11 PF



TE Part #1768021-9
IMC02



TE Part #5536504-1
2MM FB,ASY,024,SIG,HDR,EN,6.50

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1734839-6_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1734839-6_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1734839-6_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773959-7-FPC-Connectors-CN](#)

English

[FPC Connector Family](#)

English

Product Specifications

[Product Specification](#)

English