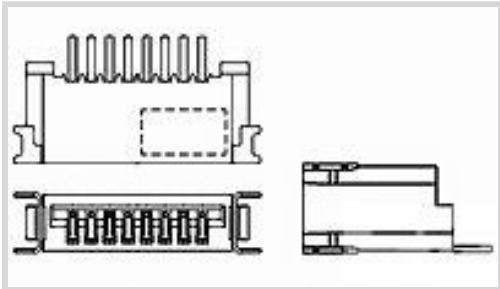




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors



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

Mating Retention Type: Non ZIF

PCB Mount Orientation: Right Angle

Contact Mating Location: Bottom

Termination Method to PCB: Surface Mount

Features

Product Type Features

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

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	50 VAC
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Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3 μm[120 μin]
Contact Current Rating (Max)	.5 A
Contact Shape & Form	Single Beam



PCB Contact Termination Area Plating Material Thickness	3 μm[120 μin]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Finish	Matte
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

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

Housing Features

Housing Material	PA 9T
Centerline (Pitch)	1 mm[.039 in]

Dimensions

Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Width	6.8 mm[.268 in]
Connector Height	3.2 mm[.126 in]
Connector Length	20 mm[.787 in]

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °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 Quantity	1500
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Packaging Method	Tape & Reel
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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 2025 (250) 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	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 #5-66461-5
SKT,.062 DIA,.025 SQ POST,LP



TE Part #6-104069-6
72 sys 50 hdr drra shrd sn



TE Part #5-104655-6
50 50/50 HDR DRST SFMNT TIN



TE Part #3-794638-6
06P MICRO MNL ASSY,VRT,SMT,LF



TE Part #1622205-1
LR0204 1% 270R

TE Part #1676167-1
RN 0805 121R 0.1% 10PPM CUT LENGTH

TE Part #1827538-1
DYNAMIC D-2600 HYBRID V-HDR ASSY 48P

TE Part #5-1879233-7
SMW5 22R 5%

TE Part #5650466-5
ASSEMBLY, RECEPTACLE, EURO, TYPE

TE Part #6609046-9
15ET1=F7335 S0

Documents

Product Drawings

1.0 NON-ZIF FPC B/C SMT 16P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1734798-6_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1734798-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1734798-6_A.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

Product Specifications

Product Specification

English