



FPC

TE Internal #: 1734592-8

TE Internal Description: FPC CONN. 0.5MM PITCH B/C, 8P

[View on TE.com >](#)

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



Centerline (Pitch): .5 mm [.02 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	250 VAC
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Body Features

Primary Product Color	Natural
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Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Method	Tape
Packaging Quantity	2000

Operation/Application

Circuit Application	Signal
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Dimensions

Connector Width	5.1 mm[.2 in]
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Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Height	2.05 mm[.08 in]
Connector Length	9.43 mm[.371 in]

Product Type Features

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

Contact Features

Contact Current Rating (Max)	.5 A
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material Thickness	.025 μ m[100 μ in]
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 μ m[100 μ in]
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	8

Mechanical Attachment

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

Housing Features



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

Termination Features

Termination Method to PCB	Surface Mount
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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 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

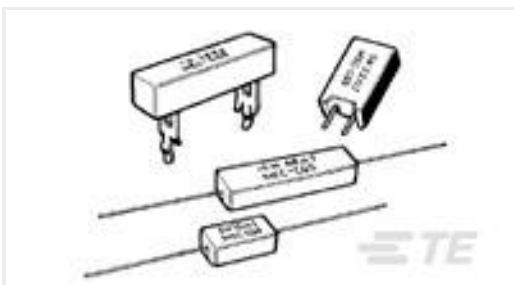
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts



TE Part # 2328702-8
8PIN 0.5MMFP FPC CONNECTOR,
BACK FLIP LOCK

Customers Also Bought



TE Part #1623789-9
SQM7 22R 5% (WIRE)



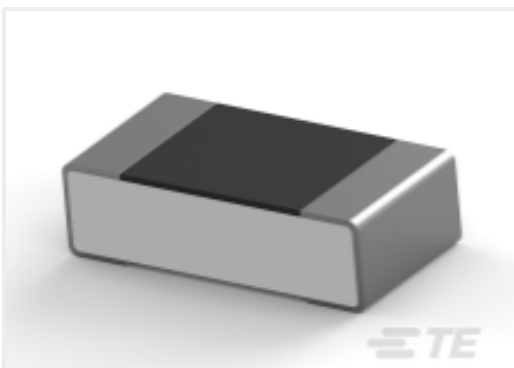
TE Part #6-520315-0
10 POS TRIO MATE ASSY VERT



TE Part #9-1614884-0
CPF 0805 20K 0.1% 25PPM 1K RL



TE Part #3-2176398-8
3502 470K 1%



TE Part #7-2176370-1
RQ 0603 2K32 0.1% 10PPM 5K RL



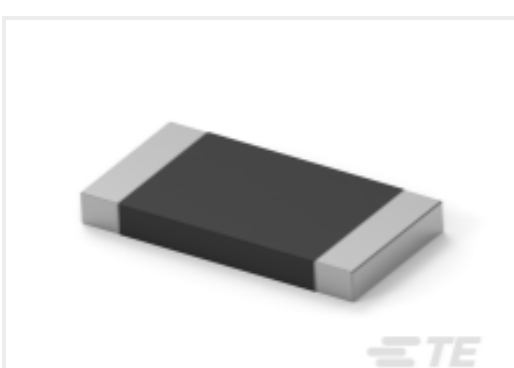
TE Part #7-1879746-1
RP 1J 31K6 0.1% 15PPM CUT LENGTH



TE Part #1-1879747-0
RP 1J 78K7 0.1% 15PPM CUT LENGTH



TE Part #1802826-1
8POS,TAB0.63X0.63,HDR ASSY,
180DEG,COD 1



TE Part #6-2176422-6
TLRP 2512 3.0W R047 1% 50PPM 4K RL



TE Part #966658-1
32pos MQS .63 header 180deg

Documents

Product Drawings

FPC CONN. 0.5MM PITCH B/C, 8P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1734592-8_C_c-1734592-8-c.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1734592-8_C_c-1734592-8-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1734592-8_C_c-1734592-8-c.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