



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	20.43 mm[.804 in]

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector & Contact Terminates To	Printed Circuit Board, 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 μm[100 μin]
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[100 μin]
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	30

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

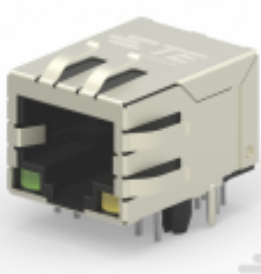
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





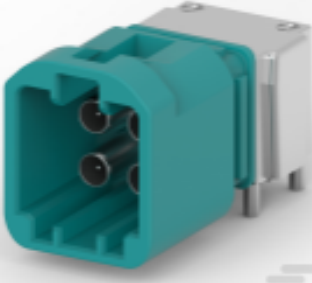
TE Part #TAB62146501-040
M12B2-MS-PUR TORSION-4.0M



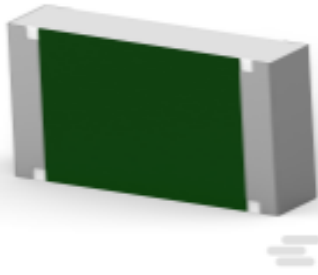
TE Part #1-2301994-0
RJ45 JACK INT.MAG. 1GB LED 1X1



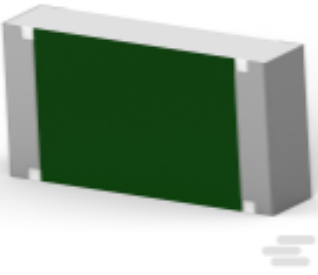
TE Part #2118909-4
PCB Ant, MHF4L, 115.8mm, Wi-Fi 6E Triple



TE Part #2304168-9
4P MATE-AX, HDR ASSY,90 DEG,COD Z



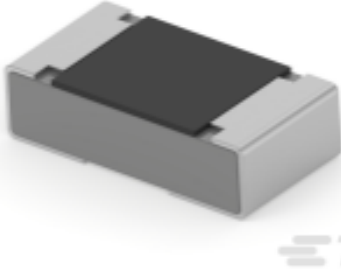
TE Part #7-2176397-8
3502 1K6 1%



TE Part #1-2176399-2
3502 2K2 5%



TE Part #1-2301994-5
RJ45 JACK INT.MAG. 10/100 LED 1X1 INV.



TE Part #2-2176480-0
RA73F 1J 866R 0.1% 5K RL



TE Part #6-1393788-9
V23079E1203B301



TE Part #11021230-00
GLS9-AXIAL GLASS SUB

Documents

Product Drawings

FPC CONN. 0.5MM PITCH B/C, 30P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1734592-0_C_c-3-1734592-0-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1734592-0_C_c-3-1734592-0-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1734592-0_C_c-3-1734592-0-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