1-2328702-0 ACTIVE

FPC

TE Internal #: 1-2328702-0

FPC Connectors, Wire-to-Board, 10 Position, .5 mm Centerline, Non-ZIF, Right Angle, Surface Mount, Height .039 in [1 mm], Gold,

Printed Circuit Board

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



Connector System: Wire-to-Board

Number of Positions: 10
Centerline (Pitch): .5 mm
Insertion Force Type: Non-ZIF

PCB Mount Orientation: Right Angle

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Insertion Force Type	Non-ZIF
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
Number of Positions	10
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC	

Body Features

Actuator Color	Black
Primary Product Color	Natural

Contact Features

Contact Layout	Inline	



Contact Shape & Form	Standard Flat
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Mating Location	Dual Side
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	.5 A
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Mating Alignment	With
Housing Features	
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.5 mm
Dimensions	
Connector Length	7 mm
Connector Height	1 mm[.039 in]
Accepts Flex Cable Thickness	.3 mm[.01 in]
Usage Conditions	
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Packaging Features

Packaging Mothod	Tape & Reel
Packaging Method	rape & reer

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

Not reviewed for solder process capability

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



Customers Also Bought

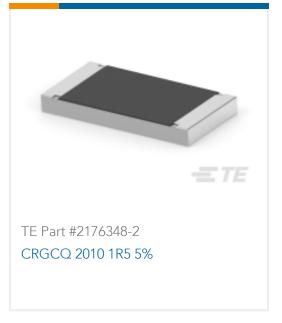




















Documents

Product Drawings

10PIN 0.5MMP FPC CONN, BACK FLIP LOCK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2328702-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2328702-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2328702-0_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

1-1773959-6-flexible-printed-circuit-con

English

1-1773959-7-FPC-Connectors-CN

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English