

2-84953-5

✓ ACTIVE

FPC

TE Internal #: 2-84953-5

1 mm [.039 in] Centerline, Right Angle, Surface Mount, Stuffer
Actuator, Tin, 25 Position, FPC Connectors[View on TE.com >](#)

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



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

Mating Retention Type: **Zero Insertion Force (ZIF)**PCB Mount Orientation: **Right Angle**Contact Mating Location: **Top**Termination Method to PCB: **Surface Mount**

Features

Electrical Characteristics

Operating Voltage	200 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	With
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Packaging Features

Packaging Method	Tape & Reel
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Packaging Quantity	1200
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Operation/Application

Circuit Application	Signal
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Dimensions

Connector Width	6.54 mm[.258 in]
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Accepts Flex Cable Thickness	.3 mm[.012 in]
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Connector Height	2.56 mm[.101 in]
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Connector Length	32.92 mm[1.296 in]
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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)	1 A
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material Thickness	3.8 μ m, 2 μ m
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material Thickness	3.8 μ m, 2 μ m
Contact Mating Area Plating Material Finish	Bright
Contact Mating Location	Top
Contact Mating Area Plating Material	Tin

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	25

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)	1 mm [.039 in]

Termination Features

Termination Method to PCB

Surface Mount

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.

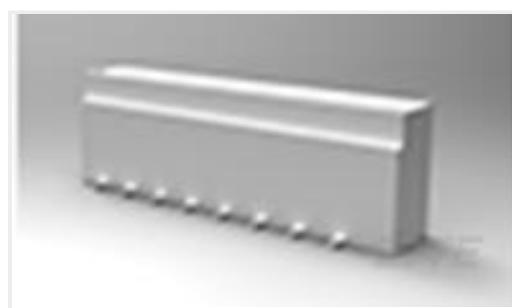
Solder Process Capability

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 # 2-84982-5
1MM FFC SMT V ASSY 25P EMBOSSED

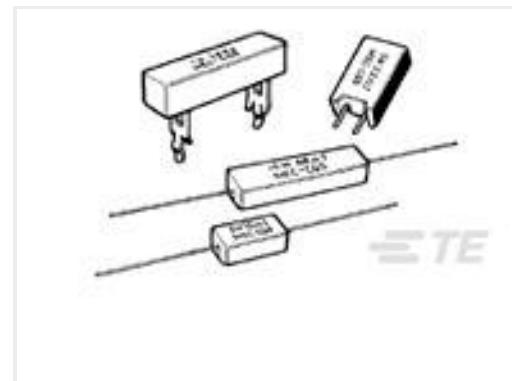


TE Part # 2-84952-5
1MM FPC HORZ.BOTTOM CONT.
ASSY 25P

Customers Also Bought



TE Part #CAT-C339-SQ1
Wirewound Resistor: Vertical Mount



TE Part #1-1623807-9
SQZ5 22R 10% WIRE



TE Part #2176117-5
TLR 1206 1.0W R003 1% 50PPM 2K RL



TE Part #103906-5
06 MTE HDR SRRA LATCH .100CL



TE Part #2176371-4
RQ 0603 4K99 0.1% 10PPM 5K RL



TE Part #154743-E
SMCQ 68 F AB VV 7-03 CL * 0007 137
E002



TE Part #254587-E
SMCQ 16 M AB VV 8-13 CL * H007 137
E005



TE Part #474817-E
SRCP 1,27 6 M 1-KS SMD 137 E1 094 *
GU-H

Documents

Product Drawings

1MM FPC HORZ.TOP CONT.ASSY 25P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-84953-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-84953-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-84953-5_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

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

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English