487951-6 ✔ ACTIVE

FPC

TE Internal #: 487951-6

FPC Connectors, Flex-to-Board, 6 Position, 1mm [.039in] Centerline, Non-ZIF, Right Angle, Surface Mount, Stuffer (Plunger Style) FPC Actuator Type

View on TE.com >

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



Connector System: **Flex-to-Board**

Number of Positions: **6**

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

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	Flex-to-Board
Insertion Force Type	Non-ZIF
FPC Actuator Type	Stuffer (Plunger Style)
Sealable	No
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)

Configuration Features

Number of Positions	6
PCB Mount Orientation	Right Angle

Contact Features

Contact Mating Location	Top
Contact Mating Area Plating Material	Tin-Lead
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Alignment	Without

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1 mm[.039 in]

Dimensions

Connector Height	2.56 mm[.101 in]
Connector Width	5.4 mm[.213 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (13% in Component part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 84953-6
1MM FPC HORZ.TOP CONT.ASSY 6P

Customers Also Bought



TE Part #5-102690-1
12 MODII 2PC HDR DR SHRD APIN, ROHS



TE Part #917689-6
STD Temp Signal Double Lock Plug



TE Part #2-440054-3
AMP HPI 2.0MM HEADERS



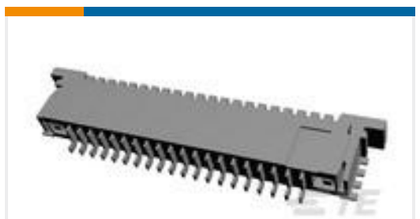
TE Part #3-5499160-1
AMP-LATCH UNIVERSAL HEADERS



TE Part #4-794637-4
14P MICRO MNL ASSY,VRT,SMT LF



TE Part #1932045-1
MBXL VERT HDR 7ACP+24S+1RF



TE Part #2-487951-0
020 1MM FPC TOP HORZ



TE Part #5-146258-1
02 MODII HDR DRST B/A .100CL



TE Part #5120661-1
Z-PACK HS3 HDR ASY 10R 50P



TE Part #5120662-1
Z-PACK HS3 HDR ASY 10R 50P

Documents

Product Drawings

006 1MM FPC TOP HORZ

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_487951-6_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_487951-6_G.3d_igs.zip

English

Customer View Model

ENG_CVM_487951-6_G.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

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English