



FPC CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

1MM FPC HORZ.TOP CONT.ASSY 8P

FPC | FPC

84953-8

TE Internal Number: 84953-8

Always EU RoHS/ELV Compliant

Centerline **1 mm [.039 in]**

Number of Positions **8**

Insertion Force **ZIF**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Surface Mount**

Product Drawings

1MM FPC TOP CONTACT LEADFREE

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
English

Catalog Pages/Data Sheets

FPC Connector Family

PDF
English

5-1773461-0_Standard_FPC_Connector_Quick_Reference_Guide

PDF
English

Product Specifications

Product Specification

Connector, FPC, 1 Mm

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| | |
|--------------------------|--|
| PCB Mounting Orientation | Right Angle |
| Actuator Type | Stuffer |
| Shrouded | Yes |
| Applies To | Flexible Printed Circuit (FPC), Printed Circuit Board |
| Product Type | Connector |
| Connector System | Flex-to-Board |
| Connector Type | Connector Assembly |
| Sealed | No |
| Wire/Cable Type | FPC/FFC |
| Shielded | No |
| Series | FPC |
| Connector Style | Receptacle |

| | | |
|------------------------|---------------------|---------------|
| Configuration Features | Number of Positions | 8 |
| | Number of Rows | 1 |
| | Tail Orientation | Inline |

| | | |
|----------------------------|-------------------------|------------|
| Electrical Characteristics | Operating Voltage (VAC) | 200 |
|----------------------------|-------------------------|------------|

| | | |
|------------------|--|------------------------|
| Contact Features | Contact Mating Location | Top |
| | Contact Mating Area Plating Material Finish | Bright |
| | Contact Current Rating (Max) (A) | 1 |
| | Contact Transmits (Typical) | Signal (Data) |
| | Contact Mating Area Plating Thickness (µm) | 2, 3.8 |
| | Contact Termination Area Plating Material Finish | Bright |
| | Contact Mating Area Plating Material | Tin |
| | Contact Base Material | Phosphor Bronze |
| | Contact Type | Socket |
| | Contact Design | Single Beam |
| | Contact Termination Area Plating Thickness (µm) | 2, 3.8 |
| | Contact Termination Area Plating Material | Tin |

| | | |
|----------------------|--------------------------------|----------------------|
| Termination Features | Termination Method to PC Board | Surface Mount |
|----------------------|--------------------------------|----------------------|

| | | |
|-----------------------|---------------------|----------------|
| Mechanical Attachment | PCB Mount Alignment | Without |
|-----------------------|---------------------|----------------|

| | |
|--------------------------|--------------------|
| PCB Mount Retention | With |
| Mating Alignment | With |
| PCB Mount Retention Type | Solder Pads |

| | | |
|------------------|------------------|-------------------------------------|
| Housing Features | Centerline | 1 mm [.039 in] |
| | Housing Color | Natural |
| | Housing Material | LCP (Liquid Crystal Polymer) |

| | | |
|------------|----------------------|------------------------------|
| Dimensions | Height | 2.56 mm [.1008 in] |
| | Width | 6.54 mm [.2575 in] |
| | Flex Cable Thickness | .3 mm [.012 in] |
| | Length | 15.92 mm [.6268 in] |

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

| | | |
|------------------------|--------------------------------|-------------|
| Identification Marking | Circuit Identification Feature | With |
|------------------------|--------------------------------|-------------|

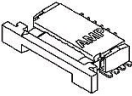



| | | |
|--------------------|--------------------|------------------------|
| Packaging Features | Packaging Method | Tape & Reel |
| | Packaging Quantity | 1500 |

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| FPC CONNECTORS | SURFACE MOUNT RESISTORS | TNC CONNECTORS | HIGH FREQUENCY & RF INDUCTORS |
|--|---|--|--|
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