

✓ Active

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

TE CONNECTIVITY (TE)

## 1MM FFC SMT H ASSY 4P EMBOSS

FPC | FPC

84981-4

TE Internal Number: 84981-4

Always EU RoHS/ELV Compliant

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

Number of Positions **4**

Insertion Force **Non-ZIF**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Surface Mount**

### Product Drawings

[ASSY, 1.00MM FFC CONN. SMT, H \(NON-ZIF\)](#)

PDF (**TIFF AVAILABLE**)  
English

[ASSY, 1.00MM FFC CONN. SMT, H \(NON-ZIF\)](#)

PDF (**TIFF AVAILABLE**)  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[FPC Connector Family](#)

PDF  
English

[5-1773461-0\\_Standard\\_FPC\\_Connector\\_Quick\\_Reference\\_Guide](#)

PDF  
English

[Flexible Printed Circuit Connectors - FPC \(Virtual Sample Kit\)](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_84981-4\\_02122014952\\_dmtec](#)

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.

---

|                       |                          |  |
|-----------------------|--------------------------|--|
| Product Type Features | Insertion Force          | <b>Non-ZIF</b>   |
|                       | PCB Mounting Orientation | <b>Right Angle</b>   |
|                       | Shrouded                 | <b>Yes</b>   |
|                       | Applies To               | <b>Flexible Printed Circuit (FPC), Printed Circuit Board</b> |
|                       | Product Type             | <b>Connector</b>   |
|                       | Connector System         | <b>Flex-to-Board</b>   |
|                       | Connector Type           | <b>Connector Assembly</b>                                    |
|                       | Sealed                   | <b>No</b>  |
|                       | Wire/Cable Type          | <b>FPC/FFC</b>   |
|                       | Shielded                 | <b>No</b>  |
|                       | Series                   | <b>FPC</b>   |
|                       | Connector Style          | <b>Receptacle</b>  |

---

|                        |                     |               |
|------------------------|---------------------|---------------|
| Configuration Features | Number of Positions | <b>4</b>      |
|                        | Number of Rows      | <b>1</b>      |
|                        | Tail Orientation    | <b>Inline</b> |

---

|                            |                         |            |
|----------------------------|-------------------------|------------|
| Electrical Characteristics | Operating Voltage (VAC) | <b>125</b> |
|----------------------------|-------------------------|------------|

---


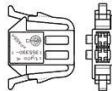


|                  |  |   |
|------------------|--|---|
| Contact Features | Contact Mating Location                          | <b>Top</b>  |
|                  | Contact Mating Area Plating Material Finish      | <b>Matte</b>  |
|                  | Contact Termination Area Plating Thickness       | <b>1 <math>\mu</math>m [ 39.37 <math>\mu</math>in ]</b> |
|                  | Contact Current Rating (Max) (A)                 | <b>1</b>  |
|                  | Contact Mating Area Plating Thickness            | <b>1 <math>\mu</math>m [ 39.37 <math>\mu</math>in ]</b> |
|                  | Contact Transmits (Typical)                      | <b>Signal (Data)</b>                                    |
|                  | Contact Termination Area Plating Material Finish | <b>Matte</b>  |
|                  | Contact Mating Area Plating Material             | <b>Tin</b>  |
|                  | Contact Base Material                            | <b>Phosphor Bronze</b>                                  |
|                  | Contact Type                                     | <b>Socket</b>   |
|                  | Contact Design                                   | <b>Single Beam</b>                                      |
|                  | Contact Termination Area Plating Material        | <b>Tin</b>  |

---

|                      |                                |                      |
|----------------------|--------------------------------|----------------------|
| Termination Features | Termination Method to PC Board | <b>Surface Mount</b> |
|----------------------|--------------------------------|----------------------|

|                        |  |                                    |
|------------------------|--|------------------------------------|
| Mechanical Attachment  | PCB Mount Alignment  | <b>Without</b>                     |
|                        | PCB Mount Retention  | <b>With</b>                        |
|                        | Mating Alignment   | <b>Without</b>                     |
|                        | PCB Mount Retention Type   | <b>Solder Pads</b>                 |
| Housing Features       | Centerline   | <b>1 mm [ .039 in ]</b>            |
|                        | Housing Color  | <b>Natural</b>                     |
|                        | Housing Material   | <b>Nylon</b>                       |
| Dimensions             | Height   | <b>3 mm [ .118 in ]</b>            |
|                        | Width  | <b>6.3 mm [ .248 in ]</b>          |
|                        | Flex Cable Thickness   | <b>.3 mm [ .012 in ]</b>           |
|                        | Tail Length  | <b>.7 mm [ .0275 in ]</b>          |
|                        | Length   | <b>7 mm [ .2756 in ]</b>           |
| Usage Conditions       | Operating Temperature Range  | <b>-20 – 85 °C [ -4 – 185 °F ]</b> |
| Identification Marking | Circuit Identification Feature   | <b>Without</b>                     |
| Packaging Features     | Packaging Method   | <b>Tape</b>                        |
|                        | Packaging Quantity   | <b>1500</b>                        |
| Product Compliance     | <a href="#">Statement of Compliance PDF</a><br><a href="#">VIEW ALL PRODUCT COMPLIANCE</a> |                                    |

## CUSTOMERS ALSO BOUGHT

|   |  |   |  |
|---|--|---|--|
| <p><b>WIRE-TO-BOARD HEADERS &amp; RECEPTACLES</b></p>  <p><b>09P MTA100 CONN ASSY<br/>22AWG RED<br/>640440-9</b></p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p><b>AUTOMOTIVE, TRUCK, BUS, &amp; OFF-ROAD HOUSINGS</b></p>  <p><b>JUN-POW-TIM GEH 2P<br/>1355390-1</b></p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p><b>WIRE-TO-BOARD HEADERS &amp; RECEPTACLES</b></p>  <p><b>03P MTA100 CONN ASSY<br/>22AWG RED<br/>640440-3</b></p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p><b>SURFACE MOUNT RESISTORS</b></p>  <p><b>RN0805 105R 0.1% 10PPM<br/>1KRL<br/>RN73C2A105RBTD</b></p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> |
|---|--|---|--|



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [FFC & FPC Connectors](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[HFW11R-1STE1H1LF](#) [FH29B-100S-0.2SHW\(99\)](#) [FA5S008HP1](#) [FH29B-120S-0.2SHW\(99\)](#) [FH29B-80S-0.2SHW\(99\)](#) [FHS-16](#) [FPH-2022G](#)  
[52610-1075](#) [52610-1275](#) [52610-1934](#) [XF3M\(1\)-1415-1B-R100](#) [501864-3091-TR225](#) [0525594033](#) [086210010340800](#) [086222026001800](#)  
[52271-2869-CUT-TAPE](#) [62674-201121DLF](#) [62684-36210E9ALF](#) [52610-1675](#) [52746-1671-TR250](#) [10051922-2810EHLF](#) [6-520415-9](#)  
[BD021-09A-A1-0350-0200-0550-LD](#) [SFV6R-1STE9HLF](#) [XF3M-2915-1B-R100](#) [1658549-1](#) [62674-221121ALF](#) [46214008010800](#)  
[046298003000883](#) [151660622](#) [842-816-2630-035](#) [AYF530665TA](#) [AYF351525](#) [046296011930846+](#) [AYF352325A](#) [046254020000800+](#)  
[FH19C-13S-0.5SH\(99\)](#) [FH39J-51S-0.3SHW\(99\)](#) [AYF355125A](#) [AYF530365TA](#) [FH29B-44S-0.2SHW\(99\)](#) [SFW5R-2STAE9LF](#) [AYF351125A](#)  
[AYF350725A](#) [62684-502100AHLF](#) [FH39-61S-0.3SHW\(99\)](#) [AYF414035A](#) [10064555-172520HLF](#) [AYF212335A](#) [504754-2500](#)