



+ CONNECTORS

FPC CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
1MM FFC SMT V ASSY 10P EMBOSS

FPC | FPC

1-1735042-0  
TE Internal Number: 1-1735042-0

- EU RoHS Compliant
- EU ELV Compliant
- Connector System Flex-to-Board
- Number of Positions 10
- Centerline (Pitch) 1 mm [ .039 in ]
- Insertion Force Non-ZIF
- PCB Mounting Orientation Vertical

↓ PRODUCT DRAWING  
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

ON TAPING (EMBOSS) ASSY, 1.00MM FFC CONN WITH KAPTON TAPE SMT, V (NON-ZIF)

PDF (TIFF AVAILABLE)

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D\_DXF.ZIP

English

Customer View Model

3D\_IGS.ZIP

English

Customer View Model

3D\_STP.ZIP

English

Product Environmental Compliance

TE Material Declaration

MD\_1-1735042-0\_0515201707\_dmtec

PDF

English

FEATURES



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

- Shrouded Yes
- Connector System Flex-to-Board
- Insertion Force Non-ZIF
- PCB Mounting Orientation Vertical
- Sealable No
- Connector & Contact Terminates To Flexible Printed Circuit (FPC)
- Shielded No
- Product Type Connector
- Series FPC
- Wire/Cable Type FPC/FFC
- Connector Style Receptacle
- Connector Type Connector Assembly

Configuration Features

- Number of Positions 10
- Tail Orientation Staggered Type A
- Number of Rows 1

Electrical Characteristics

- Operating Voltage (VAC) 125

Contact Features

**Contact Mating Area Plating Material** Tin

**Contact Current Rating (Max) (A)** 1

**Contact Mating Area Plating Thickness** 1 μm [ 39.37 μin ]

**Contact Base Material** Phosphor Bronze

**Contact Type** Socket

**Contact Termination Area Plating Material Finish** Matte

**Contact Transmits (Typical)** Signal (Data)

**Contact Termination Area Plating Thickness** 1 μm [ 39.37 μin ]

**Contact Termination Area Plating Material** Tin

**Contact Mating Area Plating Material Finish** Matte

**Contact Design** Single Beam

Termination Features

**Termination Method to PC Board** Surface Mount

Mechanical Attachment

**PCB Mount Alignment** Without

**PCB Mount Retention** Without

**Mating Alignment** With

Housing Features

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

**Housing Material** Nylon GF

**Housing Color** Natural

Dimensions

**Height** 5.6 mm [ .22 in ]

**Width** 4 mm [ .157 in ]

**Flex Cable Thickness** .3 mm [ .012 in ]

**Length** 12 mm [ .472 in ]

Usage Conditions

**Operating Temperature Range** -20 – 85 °C [ -4 – 185 °F ]

Identification Marking

**Circuit Identification Feature** With

Packaging Features

**Packaging Method** Tape & Reel

**Packaging Quantity** 800

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

