



✓ Active

TE CONNECTIVITY (TE)

## 1MM FFC SMT V ASSY 10P EMBOSSED

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

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Product Environmental Compliance

TE Material Declaration

## MD\_1-1735042-0\_0515201707\_dmtec

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### 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

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### Configuration Features

**Number of Positions** 10

**Tail Orientation** Staggered Type A

**Number of Rows** 1

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### Electrical Characteristics

**Operating Voltage (VAC)** 125

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### Contact Features

**Contact Mating Area Plating Material** Tin  
**Contact Current Rating (Max) (A)** 1  
**Contact Mating Area Plating Thickness** 1  $\mu\text{m}$  [ 39.37  $\mu\text{in}$  ]  
**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  $\mu\text{m}$  [ 39.37  $\mu\text{in}$  ]  
**Contact Termination Area Plating Material** Tin  
**Contact Mating Area Plating Material Finish** Matte  
**Contact Design** Single Beam

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#### Termination Features

**Termination Method to PC Board** Surface Mount

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#### Mechanical Attachment

**PCB Mount Alignment** Without  
**PCB Mount Retention** Without  
**Mating Alignment** With

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#### Housing Features

**Centerline (Pitch)** 1 mm [ .039 in ]  
**Housing Material** Nylon GF  
**Housing Color** Natural

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#### Dimensions

**Height** 5.6 mm [ .22 in ]  
**Width** 4 mm [ .157 in ]  
**Flex Cable Thickness** .3 mm [ .012 in ]  
**Length** 12 mm [ .472 in ]

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#### Usage Conditions

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

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#### Identification Marking

**Circuit Identification Feature** With

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#### Packaging Features

**Packaging Method** Tape & Reel  
**Packaging Quantity** 800

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## PRODUCT COMPLIANCE



#### Statement of Compliance

### Statement of Compliance

PDF

