

# 84501-1 Product Details

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**84501-1**

TE Internal Number: 84501-1  
 Active

## Flexible Film Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Connector
- Housing
- Connector Style = Receptacle - FPC
- 2.54 mm Centerline
- Type of Connector = ZIF-Line

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## Documentation & Additional Information

**Product Drawings:**

- [CONNECTOR ASSEMBLY, .100CL, ZIF-LINE 50 \(PDF, English\)](#)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- None Available

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files:**

- None Available

**Additional Information:**

- [Product Line Information](#)

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## Product Features (Please use the Product Drawing for all design activity)

**Product Type Features:**

- Product Type = Connector
- Connector Type = Housing
- Type of Connector = ZIF-Line
- Wire/Cable Type = FFC
- Mating Connector Lock = Without
- PCB Mount Style = Through Hole
- Insertion Force = ZIF
- Color = Black
- Flame Retardant = Yes
- Strain Relief = Without
- Stamped = Yes

**Mechanical Attachment:**

- Panel Mount Retention = Without
- Mounting Ears = Without

**Electrical Characteristics:**

- Shielded = No

**Termination Features:**

- Termination Post Length (mm [in]) = 3.68 - 4.19 [0.145 - 0.165]
- Solder Tail Contact Plating = Matte Tin over Nickel (50)
- Tail Orientation = In-line

**Dimensions:**

- PCB Thickness, Recommended (mm [in]) = 2.36 [0.093]

**Body Features:**

- Cable Entry = Vertical

**Contact Features:**

- Contact Plating, Mating Area, Material = Tin
- Contact Base Material = Phosphor Bronze
- Contact Configuration = FFC

**Housing Features:**

- Connector Style = Receptacle - FPC
- Centerline (mm [in]) = 2.54 [0.100]
- Mating Alignment = Without
- Housing Material = PBT - GF
- UL Flammability Rating = UL 94V-0

**Configuration Features:**

- Number of Positions = 12
- Number of Rows = Single

**Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Conditions for Usage:**

- Applies To = Printed Circuit Board

**Other:**

- Brand = TE Connectivity