

4-2041390-5 Product Details

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FPC (Flexible Printed Circuit) Connectors

0.3 FPC 45P ZIF BC G/F

4-2041390-5

TE Internal Number: 4-2041390-5

Active
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Product Highlights [View All](#)

- .30 mm Centerline
- 45 Positions
- Gold Contact Plating, Mating Area, Material
- Contact Plating, Mating Area, Thickness = .025 µm
- LCP (Liquid Crystal Polymer) Housing Material

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Please Note:
Use the Product Drawing for all design activity

| Product Type Features | |
|--------------------------|-------------------------|
| PCB Mounting Orientation | Right Angle |
| PCB Mount Alignment | Without |
| PCB Mount Retention | With |
| Actuator Type | Front Flip (Rear Hinge) |
| PCB Mount Retention Type | Solder Peg |
| Sealed | No |

| Electrical Characteristics | |
|----------------------------------|-----|
| Contact Current Rating, Max. (A) | 0.2 |
| Operating Voltage Reference | AC |
| Operating Voltage (VAC) | 30 |

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

| Dimensions | |
|-----------------------------------|---------------|
| Flex Cable Thickness (mm [in]) | 0.2 [0.008] |
| Length (X-Axis) (mm [in]) | 15.00 [0.591] |
| Width (Z-Axis) (mm [in]) | 3.50 [0.138] |
| Profile Height (Y-Axis) (mm [in]) | 1.00 [0.039] |

| Body Features | |
|--------------------|----|
| Selectively Loaded | No |

| Contact Features | |
|---|-----------------|
| Contact Plating, Mating Area, Material | Gold |
| Contact Plating, Mating Area, Thickness (µm [µin]) | 0.025 [0.984] |
| Contact Plating, Termination Area, Material | Gold |
| Contact Plating, Termination Area, Thickness (µm [µin]) | 0.025 [0.984] |
| Contact Design | Single Beam |
| Contact Base Material | Phosphor Bronze |

| Housing Features | |
|-------------------------|------------------------------|
| Centerline (mm [in]) | 0.30 [0.012] |
| Housing Material | LCP (Liquid Crystal Polymer) |
| Contact Mating Location | Bottom |
| Housing Color | Black |

| Configuration Features | |
|------------------------|-----------|
| Number of Positions | 45 |
| Tail Orientation | Staggered |
| Shrouded | Yes |
| Shielded | No |
| Strain Relief | Without |

| Industry Standards | |
|-----------------------------|--|
| RoHS/ELV Compliance | RoHS compliant, ELV compliant |
| Lead Free Solder Processes | Reflow solder capable to 245°C, Reflow solder capable to 260°C |
| RoHS/ELV Compliance History | Always was RoHS compliant |

| Identification Marking | |
|--------------------------------|---------|
| Circuit Identification Feature | Without |

| Environmental | |
|---------------------------------|------------------------|
| Operating Temperature (°C [°F]) | -25 - +85 [-13 - +185] |

| Operation/Application | |
|---|---------------|
| ZIF/Non-ZIF | ZIF |
| Contact Transmits (Typical Application) | Signal (Data) |
| Pick and Place Cover | Without |

| Packaging Features | |
|--------------------|------|
| Packaging Method | Tape |

| Other | |
|-------|-----------------|
| Brand | TE Connectivity |

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