



Part Number : 5034802400

Series Number : 503480

Product Category : FFC / FPC Connectors

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 24 Circuits, Gold over Nickel Plating

Status : Active

Documents & Resources

Drawings

Drawing 5034802400_sd.pdf

3D Models and Design Files

3D Model 5034802400_stp.zip


Specifications

Packaging Specification SPK-503480-001-001.pdf

Product Specification PS-503480-001-001.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | FFC / FPC Connectors |
| Series | 503480 |
| Description | Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 24 Circuits, Gold over Nickel Plating |
| Series Name | FBH1 |
| Comments | Black Actuator |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 889056261005 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 50V |

Physical

| | |
|--------------------------------|-----------------|
| Actuator Type | Back Flip |
| Circuits (Loaded) | 24 |
| Color - Resin | Natural (White) |
| Contact Position | Dual |
| Durability (mating cycles max) | 10 |
| Flammability | 94V-0 |
| Mated Height | 1.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |

| | |
|--------------------------------|------------------------|
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 0.084/g |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.50mm |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type | FFC/FPC |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------------------------------|--------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15020</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15120</u> |