



Part Number : 2004850180

Series Number : 200485

Product Category : FFC / FPC Connectors

Product Description : Easy-On FFC/FPC One-Touch Connector, 0.50mm Pitch, Vertical, 5.60mm Height, 125°C Operating Temperature, 80 Circuits, Gold (Au) Plating

Status : Active

### Documents & Resources

#### Drawings

Drawing 2004850180\_sd.pdf

#### 3D Models and Design Files

3D Model 2004850180\_stp.zip


#### Specifications

Packaging Specification 2004859200-SPK-201.pdf

Product Specification 2004851000-PS-000.pdf

### Product Environment Compliance

#### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| 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         | 200485  |
| Description    | Easy-On FFC/FPC One-Touch Connector, 0.50mm Pitch, Vertical, 5.60mm Height, 125°C Operating Temperature, 80 Circuits, Gold (Au) Plating |
| Product Family | Easy-On FFC FPC Connectors  |
| Product Name   | Easy-On   |
| UPC            | 191130074150  |

### Electrical

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

### Physical

|                                |                        |
|--------------------------------|------------------------|
| Actuator Type                  | One-Touch              |
| Circuits (Loaded)              | 80                     |
| Circuits (maximum)             | 80                     |
| Color - Resin                  | Black                  |
| Contact Position               | N/A                    |
| Durability (mating cycles max) | 20                     |
| Mated Height                   | 5.60mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 1301.174/mg            |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Mounting                   | Surface Mount          |

|                               |                |
|-------------------------------|----------------|
| PCB Retention                 | Yes            |
| Pitch - Mating Interface      | 0.50mm         |
| Polarized to PCB              | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +125°C |
| Wire/Cable Type               | FFC/FPC        |