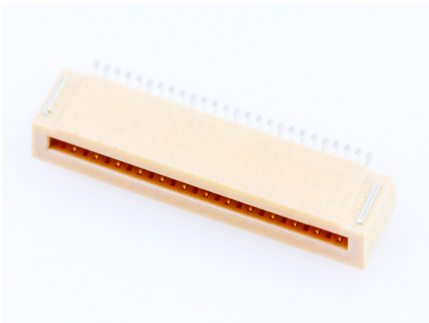




Part Number : [512812698](#)
Product Description : 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 26 Circuits, Gold (Au) Plating
Series Number : 51281
Status : Active
Product Category : FFC / FPC Connectors



Documents & Resources


Drawings
[512812698_sd.pdf](#)

3D Models and Design Files
[512812698_stp.zip](#)

Specifications
[512810000-AS-000.pdf](#)
[SPK-51281-001-001.pdf](#)
[512810000-001.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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | FFC / FPC Connectors |
| Series | 51281 |
| Description | 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 26 Circuits, Gold (Au) Plating |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 196823022357 |

Electrical

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

Physical

| | |
|--------------------------------|------------------------|
| Actuator Type | Non-ZIF |
| Circuits (Loaded) | 26 |
| Color - Resin | Natural |
| Contact Position | Dual |
| Durability (mating cycles max) | 20 |
| Mated Height | 1.20mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 148.921/mg |
| Orientation | Right Angle |

| | |
|-------------------------------|-----------------------|
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 1.016µm |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -20° 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> |