



Part Number : 512810694

Series Number : 51281

Product Category : FFC / FPC Connectors

Product Description : 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 6 Circuits, Gold (Au) Plating

Status : Obsolete

Documents & Resources

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   | Obsolete             |
| 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, 6 Circuits, Gold (Au) Plating |
| Product Family | Easy-On FFC FPC Connectors                                                                                                                          |
| Product Name   | Easy-On                                                                                                                                             |
| UPC            | 822348700103                                                                                                                                        |

## Electrical

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

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Actuator Type                  | Non-ZIF               |
| Circuits (Loaded)              | 6                     |
| 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                   |
| Net Weight                     | 51.774/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 |
|-----------------|---------|
|-----------------|---------|

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