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Part Number:

0512811694

Status:

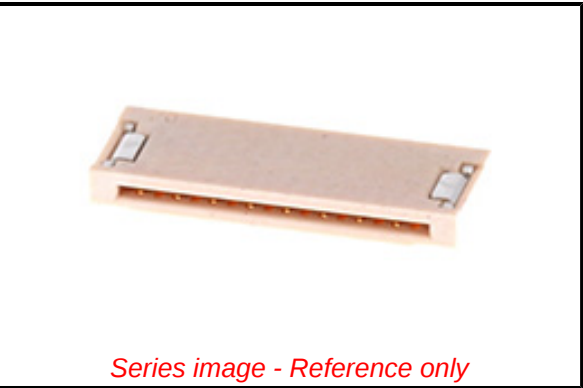
Active

Overview:

Easy-On FFC FPC Connectors

Description:

0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 16 Circuits, Gold (Au) Plating



|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-51281-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification SPK-51281-001-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-51281-003-001 (PDF)</a> |                                                                  |

|                                |                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                            |
| Product Family                 | FFC/FPC Connectors                                                                                         |
| Series                         | 51281                                                                                                      |
| Overview                       | Easy-On FFC FPC Connectors                                                                                 |
| Product Name                   | Easy-On                                                                                                    |
| UPC                            | 822348699995                                                                                               |
| Physical                       |                                                                                                            |
| Actuator Type                  | Non-ZIF                                                                                                    |
| Circuits (Loaded)              | 16                                                                                                         |
| 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                     | 100.047/mg                                                                                                 |
| Number of Rows                 | 1                                                                                                          |
| Orientation                    | Right Angle                                                                                                |
| PCB Locator                    | No                                                                                                         |
| PCB Mounting                   | Surface Mount                                                                                              |
| PCB Retention                  | Yes                                                                                                        |
| Packaging Type                 | Embossed Tape on Reel                                                                                      |
| Pitch - Mating Interface       | 0.50mm                                                                                                     |
| Plating min - Mating           | 0.102µm                                                                                                    |
| Plating min - Termination      | 1.016µm                                                                                                    |
| Polarized to PCB               | Yes                                                                                                        |
| Stackable                      | No                                                                                                         |
| Surface Mount Compatible (SMC) | N/A                                                                                                        |
| Temperature Range - Operating  | -20° to +85°C                                                                                              |
| Wire/Cable Type                | FFC/FPC                                                                                                    |
| Electrical                     |                                                                                                            |
| Current - Maximum per Contact  | 0.5A                                                                                                       |
| Voltage - Maximum              | 50V                                                                                                        |
| Material Info                  |                                                                                                            |
| Reference - Drawing Numbers    |                                                                                                            |
| Application Specification      | AS-51281-001-001                                                                                           |
| Packaging Specification        | SPK-51281-001-001                                                                                          |
| Product Specification          | PS-51281-003-001                                                                                           |
| Sales Drawing                  | SD-51281-011-001, SD-51281-011-002, SD-51281-012-001, SD-51281-012-002, SD-51281-012-003, SD-51281-012-004 |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

51281 Series

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