

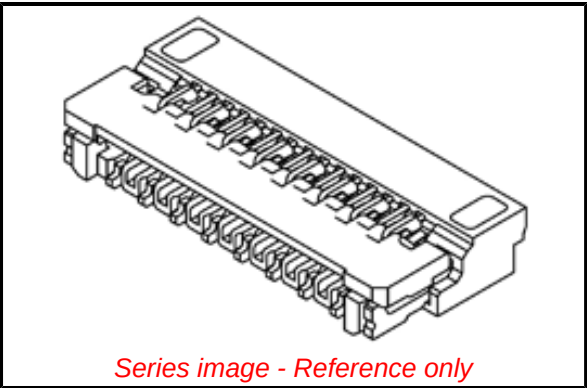
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|                          |                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:             | 5035664300                                                                                                      |
| Status:                  | Active                                                                                                          |
| Overview:                | FFC-FPC (SMT)                                                                                                   |
| Description:             | 0.30mm Pitch Easy-On FPC Connector, 43 Circuits, Mated Height 0.95mm                                            |
| Replacement Part Number: | http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=5035664302503566-4302 (drop-in) |

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| Documents:                                                    |                                                                   |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-503566-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-503566-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-503566-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

|                                |                       |
|--------------------------------|-----------------------|
| Agency Certification           |                       |
| UL                             | E29179                |
| General                        |                       |
| Product Family                 | FFC/FPC Connectors    |
| Series                         | 503566                |
| Overview                       | FFC-FPC (SMT)         |
| Product Name                   | Easy-On               |
| Replacement Part Number        | 503566-4302 (drop-in) |
| UPC                            | 884982289321          |
| Physical                       |                       |
| Actuator Type                  | Flip                  |
| Circuits (Loaded)              | 43                    |
| Circuits (maximum)             | 43                    |
| Color - Resin                  | Natural               |
| Contact Position               | Bottom                |
| Durability (mating cycles max) | 10                    |
| Flammability                   | 94V-0                 |
| Mated Height                   | 0.95mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold over Nickel      |
| Material - Resin               | Polyester Alloy       |
| Net Weight                     | 61.272/mg             |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |
| PCB Retention                  | None                  |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.30mm                |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Surface Mount Compatible (SMC) | Yes                   |
| Temperature Range - Operating  | -40° to +105°C        |
| Wire/Cable Type                | FPC only              |
| Electrical                     |                       |
| Current - Maximum per Contact  | 0.2A                  |
| Voltage - Maximum              | 50V                   |

|                             |                    |
|-----------------------------|--------------------|
| Material Info               |                    |
| Reference - Drawing Numbers |                    |
| Application Specification   | AS-503566-001-001  |
| Packaging Specification     | SPK-503566-001-001 |



Series image - Reference only

|                                                                                               |               |
|-----------------------------------------------------------------------------------------------|---------------|
| EU ELV                                                                                        |               |
| Not Relevant                                                                                  |               |
| EU RoHS                                                                                       | China RoHS    |
| Compliant                                                                                     |               |
| REACH SVHC                                                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                                                 |               |
| Halogen-Free Status                                                                           |               |
| Low-Halogen                                                                                   |               |
| Need more information on product environmental compliance?                                    |               |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a>            |               |
| Please visit the <a href="#">Contact Us</a> section for any non-product compliance questions. |               |
| China ROHS                                                                                    | Green Image   |
| ELV                                                                                           | Not Relevant  |
| RoHS Phthalates                                                                               | Not Contained |

Search Parts in this Series  
503566 Series

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