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**Part Number:** [54550-1094](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch FFC/FPC Connector, 1.20mm Height, Right Angle, SMT, ZIF, Top Contact Style, 10 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification SPK-54550-056 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-54550-011 \(PDF\)](#)

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | FFC/FPC Connectors    |
| Series         | <a href="#">54550</a> |
| MolexKits      | Yes                   |
| Product Name   | N/A                   |
| UPC            | 822348116256          |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 10                             |
| Color - Resin                  | Natural                        |
| Contact Position               | Top                            |
| Durability (mating cycles max) | 20                             |
| Entry Angle                    | 90° Angle                      |
| Mated Height                   | 1.20mm                         |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin-Bismuth                    |
| Material - Plating Termination | Tin-Bismuth                    |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 64.111/mg                      |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 0.50mm                         |
| Plating min - Mating           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to PCB               | Yes                            |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -20°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |
| Wire/Cable Type                | FFC/FPC                        |

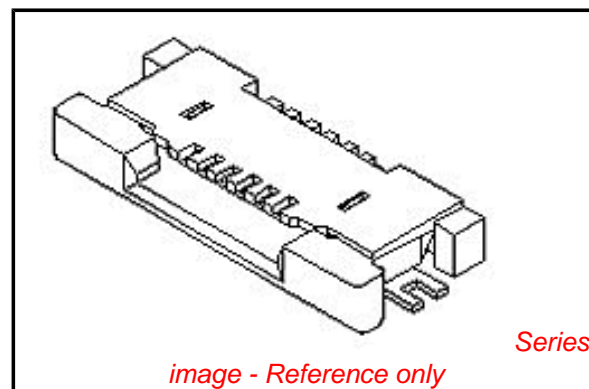
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | SPK-54550-056   |
| Product Specification   | PS-54550-011, RPS-54548-079, RPS-54550-075, RPS-54550-077, RPS-54550-079, RPS-54550-081, RPS-54550-082, RPS-54550-084 |
| Sales Drawing           | SD-54550-019, SD-54550-020  |



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[54550Series](#)

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