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**Part Number:** [5027904091](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.50mm Pitch Easy-On Front Flip FPC Connector, Surface Mount, ZIF, Double Bottom Contact, 2.50mm Height, Accepts FFC/FPC with Ear-tabs, 40 Circuits

**Documents:**

|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification PS-502790-002-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-502790-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-502790-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**General**

|                |                               |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors            |
| Series         | <a href="#">502790</a>        |
| Overview       | <a href="#">FFC-FPC (SMT)</a> |
| Product Name   | Easy-On                       |
| Type           | Front Flip                    |
| UPC            | 883906279875                  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 40                    |
| Color - Resin                  | Beige                 |
| Contact Position               | Bottom                |
| Entry Angle                    | 90° Angle             |
| Mated Height                   | 2.50mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 371.161/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.50mm                |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40°C to +105°C       |
| Termination Interface: Style   | Surface Mount         |
| Wire/Cable Type                | FPC only              |

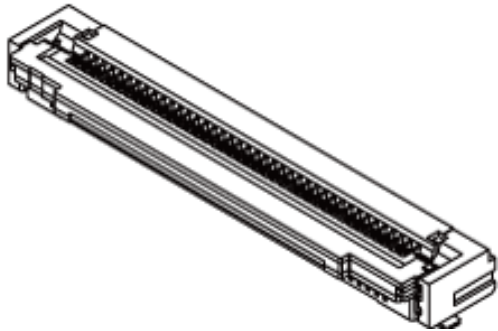
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.5A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                      |
|-------------------------|--------------------------------------|
| Packaging Specification | SPK-502790-001-001                   |
| Product Specification   | PS-502790-001-001, PS-502790-002-001 |
| Sales Drawing           | SD-502790-001, SD-502790-002         |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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[502790 Series](#)

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