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**Part Number:** [5022312400](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On FFC/FPC Connector, For LVDS, 6.05mm Height, Vertical, Surface Mount, ZIF, 24 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-502231-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [502231](#)  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name Easy-On  
 Type Back Flip  
 UPC 883906509811

**Physical**

Circuits (Loaded) 24  
 Color - Resin Brown, Natural  
 Contact Position Top  
 Durability (mating cycles max) 20  
 Entry Angle Vertical  
 Mated Height 6.05mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold, Tin  
 Material - Plating Termination Gold, Tin  
 Net Weight 466.264/mg  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.50mm  
 Pitch - Termination Interface 0.50mm  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -25°C to +85°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FFC only

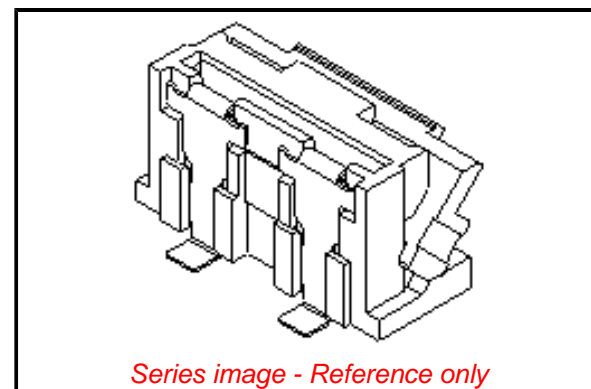
**Electrical**

Current - Maximum per Contact 0.4A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-502231-001-001  
 Sales Drawing SD-502231-001, SD-502231-002



*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?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[502231](#) Series

**Use With**

LVDS Cable [15021](#)

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