

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [51441-1093](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 1.10mm Mated Height, 10 Circuits, Lead-Free

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-51441-005 \(PDF\)](#)  
[Application Specification AS-51441-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
Series [51441](#)  
Product Name Easy-On™  
UPC 822348116126

**Physical**

Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Black, Natural  
Contact Position Bottom  
Durability (mating cycles max) 20  
Entry Angle 90° Angle  
Mated Height 1.10mm  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin-Bismuth  
Material - Plating Termination Tin-Bismuth  
Material - Resin High Temperature Thermoplastic  
Net Weight 42.010/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  
Pitch - Termination Interface 0.50mm  
Plating min - Mating 1.016µm  
Plating min - Termination 1.016µm  
Polarized to PCB No  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -20°C to +85°C  
Termination Interface: Style Surface Mount  
Wire/Cable Type FFC/FPC

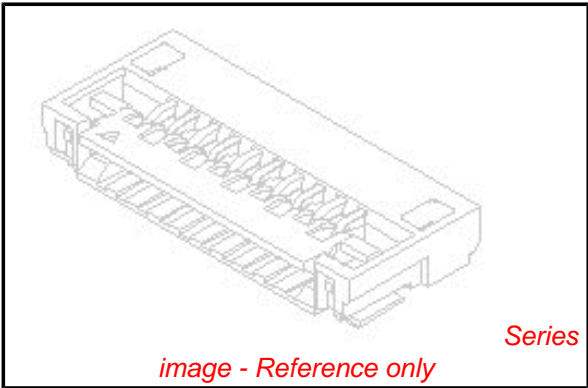
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-51441-001  
Product Specification PS-51441-005, RPS-51441-006, RPS-51441-008, RPS-51441-009, RPS-51441-011, RPS-51441-018, RPS-51441-023, RPS-51441-029  
Sales Drawing SD-51441-007, SD-51441-008



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**



**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**  
51441Series

This document was generated on 08/08/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

51441-1093