

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0514411072](#)
Status: **Active**
Description: 0.50mm (.020") Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 1.10mm (.043") Mated Height, 10 Circuits, Lead-free, Gold Contact Plating

Documents:

[3D Model](#) [Product Specification PS-51441-006 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

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

Physical

Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Black
 Color - Resin Natural
 Contact Position Bottom
 Durability (mating cycles max) 20
 Entry Angle 90° Angle
 Mated Height (in) 0.043 In
 Mated Height (mm) 1.10 mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface (in) 0.020 In
 Pitch - Mating Interface (mm) 0.50 mm
 Pitch - Term. Interface (in) 0.020 In
 Pitch - Term. Interface (mm) 0.50 mm
 Plating min: Mating (µin) 4
 Plating min: Mating (µm) 0.1
 Plating min: Termination (µin) 2
 Plating min: Termination (µm) 0.05
 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

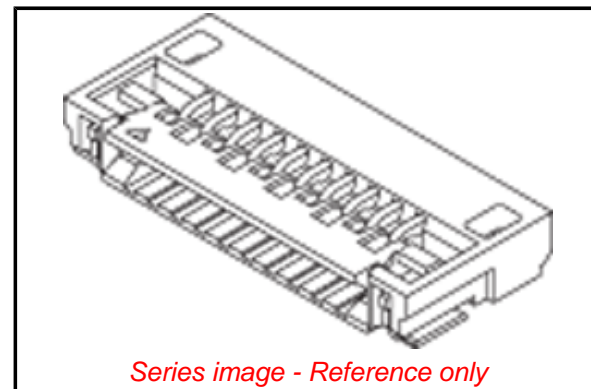
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification PS-51441-006
 Product Specification RPS-51441-012



EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No**
**Halogen-Free
 Status
 Not Reviewed**

China RoHS



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

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

Search Parts in this Series
[51441 Series](#)

Product Specification
Product Specification
Product Specification
Sales Drawing
Sales Drawing

RPS-51441-021
RPS-51441-024
RPS-51441-025
SD-51441-012
SD-51441-013

This document was generated on 11/05/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION