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**Part Number:** [503480-1200](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch Easy-On™ BackFlip™ FPC Connector, 1.00mm Height, Right Angle, SMT, Dual Contact Style, 12 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-503480-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-503480-001 \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [503480](#)  
 Product Name BackFlip™, Easy-On™  
 UPC 884982040861

**Physical**

Circuits (Loaded) 12  
 Color - Resin Black, White  
 Contact Position Dual  
 Durability (mating cycles max) 10  
 Entry Angle 90° Angle  
 Mated Height 1.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold, Tin  
 Net Weight 44.991/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 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 +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

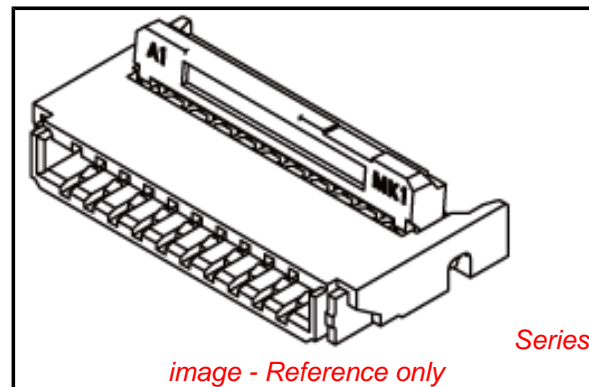
**Solder Process Data**

Duration at Max. Process Temperature (seconds) 3  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 2  
 Process Temperature max. C 250

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-503480-001  
 Product Specification PS-503480-001, RPS-503480-001, RPS-503480-002, RPS-503480-003, RPS-503480-007, RPS-503480-010, RPS-503480-014, RPS-503480-015  
 Sales Drawing SD-503480-001, SD-503480-002



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status 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.

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[503480Series](#)

This document was generated on 01/17/2014

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