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**Part Number:** [503480-0600](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ BackFlip™ Type FPC Connector, 1.00mm Height, Right Angle, Surface Mount, Dual Contact Style, 6 Circuits

**Documents:**

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

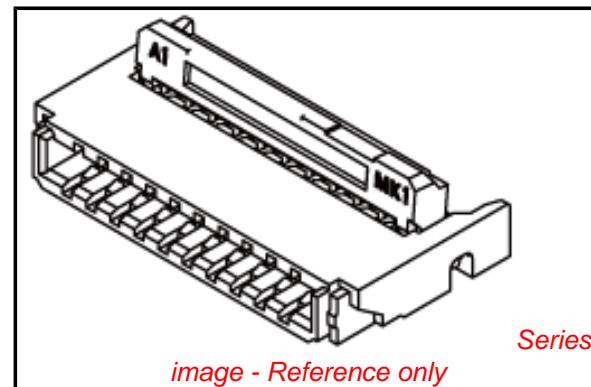


image - Reference only

**General**

Product Family	FFC/FPC Connectors
Series	503480
Overview	FFC-FPC (SMT)
Product Name	Easy-On™
UPC	884982040830

**Physical**

Circuits (Loaded)	6
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
Material - Resin	Liquid Crystal Polymer
Net Weight	27.581/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
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**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**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**

503480Series

**Mates With**

15020 0.50mm Pitch Premo-Flex™ FFC Jumper

Product Specification

Sales Drawing

PS-503480-001, RPS-503480-001, RPS-503480-002,  
RPS-503480-007, RPS-503480-008, RPS-503480-010,  
RPS-503480-014, RPS-503480-015  
SD-503480-001

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