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Part Number: [503480-2000](#)
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, 20 Circuits
Replacement Part Number: [503480-2040](#)

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 |
| Overview | FFC-FPC (SMT) |
| Product Name | Easy-On™ |
| Replacement Part Number | 503480-2040 |
| UPC | 884982040892 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 20 |
| 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 | 68.211/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 |

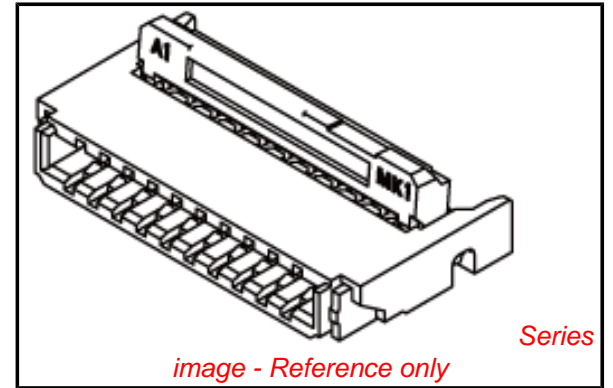
Electrical

| | |
|-------------------------------|-----------------|
| 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



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
 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](#)

Reference - Drawing Numbers

Packaging Specification
Product Specification

SPK-503480-001
PS-503480-001, RPS-503480-001, RPS-503480-002,
RPS-503480-007, RPS-503480-010, RPS-503480-013,
RPS-503480-014, RPS-503480-015
SD-503480-001

Sales Drawing

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