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Part Number: [5034800800](#)
Status: **Active**
Overview: Easy-On FFC FPC Connectors
Description: Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 8 Circuits, Gold over Nickel Plating

Documents:

| | |
|--|--|
| 3D Model | Datasheet (PDF) |
| 3D Model (PDF) | Product Guide (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-503480-001 (PDF) | Reference Guide (PDF) |
| Packaging Specification SPK-503480-001-001 (PDF) | |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | FFC/FPC Connectors |
| Series | 503480 |
| Comments | Black Actuator, Black Actuator |
| Overview | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| Series Name | FBH1 |
| UPC | 884982040847 |

Physical

| | |
|--------------------------------|------------------------|
| Actuator Type | Flip |
| Circuits (Loaded) | 8 |
| Color - Resin | Natural (White) |
| Contact Position | Dual |
| Durability (mating cycles max) | 10 |
| Flammability | 94V-0 |
| Mated Height | 1.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 33.391/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| 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) | 003 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 002 |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[503480 Series](#)

Mates With

Premo-Flex FFC Cable [15020](#)

Process Temperature max. C 250

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------------------|
| Packaging Specification | SPK-503480-001-001 |
| Product Specification | PS-503480-001 |
| Sales Drawing | SD-503480-001, SD-503480-002 |

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