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Part Number: [503480-1600](#)
Status: **Active**
Description: 0.50mm Pitch Easy-On™ BackFlip™ FPC Connector, 1.00mm Height, Right Angle, SMT, Dual Contact Style, 16 Circuits

Documents:

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

General

Product Family FFC/FPC Connectors
Series [503480](#)
Product Name BackFlip™, Easy-On™
UPC 884982040885

Physical

Circuits (Loaded) 16
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 56.611/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

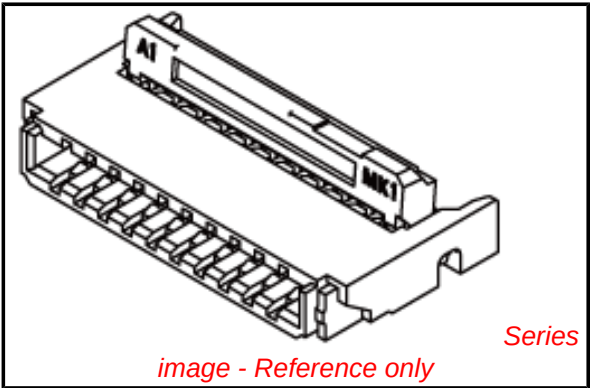
Solder Process Data

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-503480-004, RPS-503480-007, RPS-503480-010, RPS-503480-014
SD-503480-001, SD-503480-002
Sales Drawing



EU RoHS

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

China RoHS



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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.

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[503480Series](#)

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