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Part Number: [503480-1600](#)
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, 16 Circuits
Replacement Part Number: [503480-1640](#)

Documents:

3D Model	Packaging Specification PK-503480-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-503480-001 (PDF)
Product Specification PS-503480-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	FFC/FPC Connectors
Series	503480
Overview	FFC-FPC (SMT)
Product Name	Easy-On™
Replacement Part Number	503480-1640
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
Material - Resin	Liquid Crystal Polymer
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

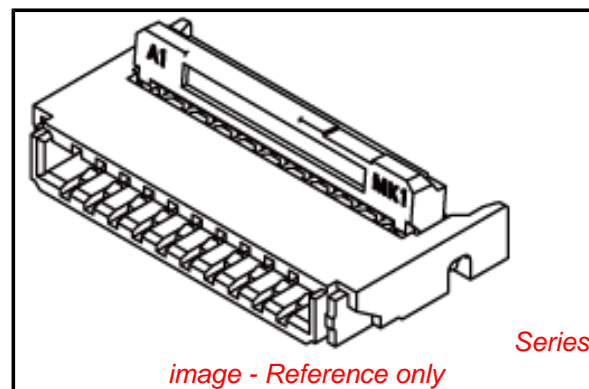
Electrical

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



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

Molex Premo-Flex FFC. Be sure to match like plating

Reference - Drawing Numbers

Packaging Specification
Product Specification

PK-503480-001, SPK-503480-001
PS-503480-001, RPS-503480-001, RPS-503480-002,
RPS-503480-004, RPS-503480-007, RPS-503480-010,
RPS-503480-014, RPS-503480-015
SD-503480-001

Sales Drawing

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