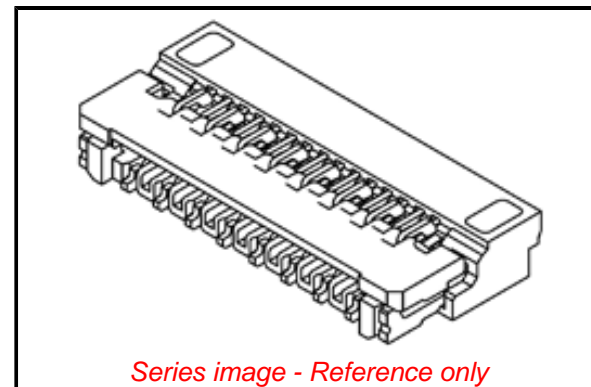


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Part Number: [5035664500](#)
Status: **Active**
Overview: [FFC-FPC \(SMT\)](#)
Description: 0.30mm Pitch Easy-On FPC Connector, 45 Circuits, Mated Height 0.95mm
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=5035664502503566-4502> (drop-in)

Documents:

3D Model	Application Specification AS-503566-001-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-503566-001-001 (PDF)
Product Specification PS-503566-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

General

Product Family	FFC/FPC Connectors
Series	503566
Overview	FFC-FPC (SMT)
Product Name	Easy-On
Replacement Part Number	503566-4502 (drop-in)
UPC	884982133280

Physical

Actuator Type	Flip
Circuits (Loaded)	45
Circuits (maximum)	45
Color - Resin	Natural
Contact Position	Bottom
Durability (mating cycles max)	10
Flammability	94V-0
Mated Height	0.95mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold over Nickel
Material - Resin	Polyester Alloy
Net Weight	63.920/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.30mm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FPC only

Electrical

Current - Maximum per Contact	0.2A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Application Specification	AS-503566-001-001
Packaging Specification	SPK-503566-001-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[503566](#) Series

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