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**Part Number:** [5020782160](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.25mm Pitch Easy-On FPC Connector, 1.00mm Mated Height, Right-Angle, Surface Mount, Bottom Contact Style, with Extended Actuator, 21 Circuits, Halogen-Free, 3000 Pieces per Reel  
**Replacement Part Number:** <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=5020782162502078-2162> (drop-in)

**Documents:**

[3D Model](#) [Packaging Specification SPK-502078-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	FFC/FPC Connectors
Series	<a href="#">502078</a>
Comments	Black actuator
Overview	<a href="#">FFC-FPC (SMT)</a>
Product Name	Easy-On
Replacement Part Number	<a href="#">502078-2162</a> (drop-in)
UPC	883906193874

**Physical**

Actuator Type	Flip
Circuits (Loaded)	21
Circuits (maximum)	21
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	10
Mated Height	1.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	33.021/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	0.25mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20° to +85°C
Wire/Cable Type	FPC only

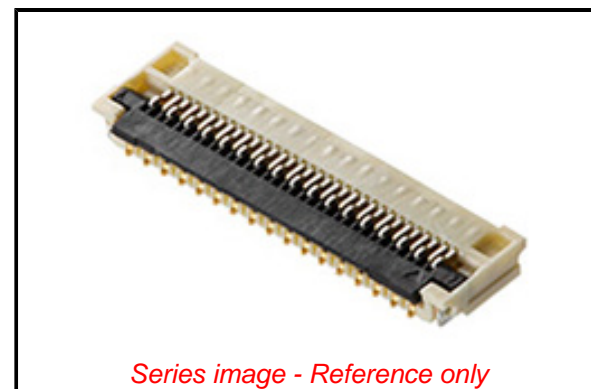
**Electrical**

Current - Maximum per Contact	0.2A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-502078-001-001
Sales Drawing	5020780000-000, 5020780001-000, 5020781000-000, 5020781001-000



*Series image - Reference only*

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[502078](#) Series

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