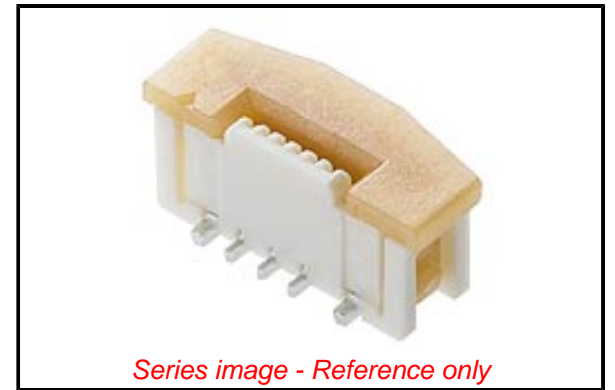


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0525591853](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 18 Circuits, Gold Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-52559-014-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Packaging Specification 525599200-200 (PDF)</a>	



*Series image - Reference only*

**Agency Certification**

UL E29179

**General**

Product Family	FFC/FPC Connectors
Series	<a href="#">52559</a>
Datasheet Order No	987651-8732, 987651-8736_ZH, 987651-8768_DE, 987651-8772_JA, 987651-8776_KO, 987651-8780_ES
Overview	<a href="#">FFC-FPC (SMT)</a>
Product Guide Order No	987651-8061
Product Literature Order No	987652-0194, Reference Guide#
Product Name	Easy-On
Series Name	Slider
UPC	822350045315

**Physical**

Actuator Type	Slider
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Contact Position	N/A
Durability (mating cycles max)	20
Flammability	94V-0
Mated Height	3.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	251.764/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +85°C
Wire/Cable Type	FFC/FPC

**Electrical**

Current - Maximum per Contact 0.5A

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[52559 Series](#)

**Mates With**

[http://www.molex.com/product/premoflex\\_ffc-fpc.html](http://www.molex.com/product/premoflex_ffc-fpc.html)>Molex Premo-Flex FFC</a>. Be sure to match like plating

Voltage - Maximum

50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

525599200-200

Product Specification

PS-52559-014-001

Sales Drawing

SD-52559-050-001

This document was generated on 04/02/2019

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