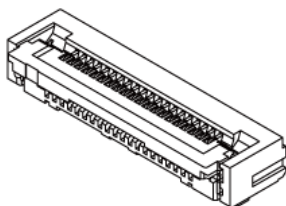


**Part Number: 502500-7091**

0.50mm Pitch Easy-On™ FPC Connector, 2.50mm Height, Right Angle, SMT, ZIF, Bottom Contact, 70 Circuits



**Status:** Contact Molex  
**Series:** 502500  
**Category:** FFC/FPC Connectors

Series image - Reference only

**Product Environmental Compliance**

EU RoHS: ELV and RoHS Compliant



China RoHS: REACH SVHC: Contains SVHC: No

Low-Halogen Status: Not Low-Halogen

**Part Detail****General**

<b>Status</b>	<b>Contact Molex</b>
Category	FFC/FPC Connectors
Series	502500
Product Name	Easy-On™

**Physical**

Circuits (Loaded)	70
Color - Resin	Beige, Brown
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height	2.50mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold, Tin
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	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FPC only

**Electrical****(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Packaging Specification	SPK-502500-001
Product Specification	PS-502500-001, RPS-502500-001, RPS-502500-002, RPS-502500-003, RPS-502500-004, RPS-502500-005, RPS-502500-007, RPS-502500-008
Sales Drawing	SD-502500-001, SD-502500-002

**Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

**Previously Available Application****Tooling**

[Check our list of old tooling that used to be](#)

[available for this part](#)