molex
one company > a world of innovation

This document was generated on 10/11/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 5051105091
Status: Active
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch Easy-On FFC/FPC Connector, 1.90mm Height, Double Bottom Contact Type (FD19 Series), Right-Angle, Surface Mount, ZIF, 50 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification 5051100000-PS-000 (PDF)
Product Specification PS-505110-001-001 (PDF)
Packaging Specification 5051109200-200 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	FFC/FPC Connectors
Series	505110
Comments	Black Actuator
Overview	FFC-FPC (SMT)
Product Name	Easy-On
UPC	887191626345

Physical

Actuator Type	Flip
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	25
Mated Height	1.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	394.100/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	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.051µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FFC/FPC

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	5051109200-200
Product Specification	5051100000-PS-000, PS-505110-001-001
Sales Drawing	5051100000-SD-000, 5051101000-SD-000, SD-505110-001, SD-505110-002

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

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

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
505110 Series

Downloaded from Arrow.com.

This document was generated on 10/11/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Downloaded from Arrow.com.