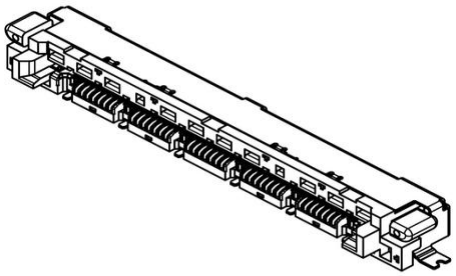
Part Number : 5039084120
Product Description : 0.50mm Pitch Easy-On One-Touch Family FFC/FPC Connector for LVDS, Non-ZIF, with Side Locks, Bottom Contact Style, 3.75mm Height, Right-Angle, Surface Mount, 41 Circuits
Series Number : 503908
Status : Not Recommended For New Design
Product Category : FFC / FPC Connectors



Documents and Resources

Drawings

5039084120_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

5039089200-200.pdf

5039080002-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	FFC / FPC Connectors
Series	503908
Description	0.50mm Pitch Easy-On One-Touch Family FFC/FPC Connector for LVDS, Non-ZIF, with Side Locks, Bottom Contact Style, 3.75mm Height, Right-Angle, Surface Mount, 41 Circuits
Product Name	Easy-On
UPC	889056478939

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Physical

Actuator Type	One-Touch
Circuits (Loaded)	41
Color - Resin	Black
Contact Position	Bottom

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Durability (mating cycles max)	20
Mated Height	3.75mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	800.490/mg
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20° to +85°C
Wire/Cable Type	FFC/FPC

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.50mm Pitch Premo-Flex LVDS Jumpers	15023

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