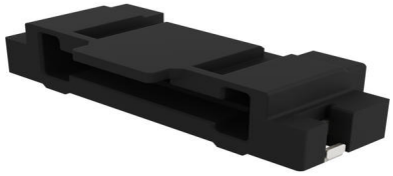
Part Number : 5051470490
Product Description : Easy-On Flexi-Latch FPC-to-Board Connector, 2.00mm Pitch, Right-Angle, Surface Mount, Positive Inertia Lock, 4 Circuits
Series Number : 505147
Status : Active
Product Category : FFC / FPC Connectors



Documents and Resources

Drawings

5051470490_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

5051479200-200.pdf

5051470000-000.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

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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	Active
Category	FFC / FPC Connectors
Series	505147
Description	Easy-On Flexi-Latch FPC-to-Board Connector, 2.00mm Pitch, Right-Angle, Surface Mount, Positive Inertia Lock, 4 Circuits
Component Type	Receptacle
Contact Type	Bottom
Product Name	Easy-On
UPC	887191676302

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Physical

Actuator Type	Flexi-Latch
Circuits (Loaded)	4
Color - Resin	Black
Contact Position	Bottom

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Durability (mating cycles max)	25
Flammability	94V-0
Mated Height	4.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	528.169/mg
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	No
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C
Wire/Cable Type	FPC only

Mates With / Use With

Mates with Part(s)

Description	Part Number
Easy-On Flexi-Latch FPC-to-Board Jacket, 2.00mm Pitch, 4 Circuits	5051480408

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