Part Number : 2004850451
Product Description : Easy-On FFC/FPC One-Touch Connector, 0.50mm Pitch, Right-Angle, Bottom Contact, 4.46mm Height, 105°C Operating Temperature, 51 Circuits, Gold (Au) Plating
Series Number : 200485
Status : Active
Product Category : FFC / FPC Connectors



Documents and Resources

Drawings

2004850451_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2004859200-SPK-200.pdf

2004851400-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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

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Compliance Statements

- 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	Active
Category	FFC / FPC Connectors
Series	One-Touch
Description	Easy-On FFC/FPC One-Touch Connector, 0.50mm Pitch, Right-Angle, Bottom Contact, 4.46mm Height, 105°C Operating Temperature, 51 Circuits, Gold (Au) Plating
Product Name	Easy-On
UPC	191130074426

Electrical

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

Physical

Actuator Type	One-Touch
Circuits (Loaded)	51
Color - Resin	Black
Contact Position	Bottom

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Durability (mating cycles max)	20
Mated Height	4.46mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	957.864/mg
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Mounting	Surface Mount
PCB Retention	No
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FFC/FPC

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.50mm Pitch Premo-Flex One-Touch FFC Jumpers with Ears	15016

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