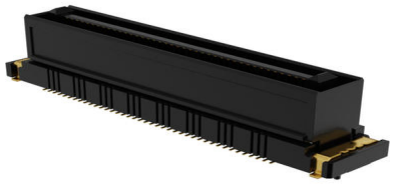
Part Number : 2183271280
Product Description : Float Stack Board-to-Board Plug, 1.00mm Pitch, 20.00-24.00mm Mated Height, 80 Circuits
Series Number : 218327
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

2183271280_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

2183240000-AS-000.pdf

2183279200-SPK-200.pdf

2183240000-PS-000.pdf

2183240000-TS-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
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

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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	Board-to-Board Connectors
Series	Floating
Description	Float Stack Board-to-Board Plug, 1.00mm Pitch, 20.00-24.00mm Mated Height, 80 Circuits
Application	Board-to-Board
Component Type	Plug
Product Name	Float Stack
UPC	198930561002

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	200V

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	No
Glow-Wire Capable	No

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Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Mated Height	20.00mm, 24.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	5.520/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.100µm
Plating min - Termination	0.050µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Temperature Range - Operating	-40° to +130°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Float Stack Board-to-Board Receptacle, 1.00mm Pitch, 23.00-26.00mm Mated Height, 80 Circuits	2183261080
Float Stack Board-to-Board Receptacle, 1.00mm Pitch, 19.00-22.00mm Mated Height, 80 Circuits	2294701080

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