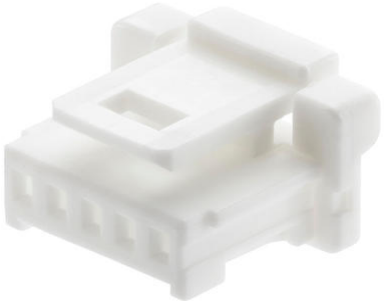
Part Number : 5019390531
Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Outer Positive Lock, 5 Circuits, Black
Series Number : 501939
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

5019390531_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5019390531.dxf

Specifications

5013300000-AS-000.pdf

5013300000-AS-001.pdf

SPK-501939-001-001.pdf

5019390000-PS-002.pdf

5019390000-PS-003.pdf

5019391000-PS-002.pdf

5019391000-PS-003.pdf

5019401001-PS-001.pdf

5019401001-PS-CHI-001.pdf

5019401001-PS-JAP-001.pdf

5019401001-PS-KOR-001.pdf

5019401001-PS-SPA-001.pdf

Product Environment Compliance

Compliance

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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(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

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	Connector Housings
Series	501939
Description	1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Outer Positive Lock, 5 Circuits, Black
Application	Signal, Wire-to-Board
Product Name	Pico-Clasp
UPC	193264265824

Agency

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UL	E29179

Physical

Circuits (maximum)	5
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	61.100/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Pico-Clasp Vertical, Single Row, Surface Mount Headers	203560
Pico-Clasp Vertical, Single Row, Surface Mount Headers	203561
Pico-Clasp Vertical Single Row Headers	501940
Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	203562
Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	203563
Pico-Clasp Right-Angle Single Row Headers	501953

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Pico-Clasp Vertical, Single Row, Surface Mount, Low-Halogen Headers	208383
Pico-Clasp Right-Angle, Single Row, Surface Mount, Low-Halogen Headers	208385

Use with Part(s)

Description	Part Number
Pico-Clasp Female Crimp Terminals	501193
Pico-Clasp Female Crimp Terminals	501334

Application Tooling

Global

Description	Part Number
Extraction Tool for Pico-Clasp Wire-to-Board Terminals, 32-28 AWG	638131700

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