molex

Part Number : 5019390400
Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Outer Positive Lock, 4 Circuits, White
Series Number : 501939
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

5019390400_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5019390400.dxf

Specifications

5013300000-AS-000.pdf

5013300000-AS-001.pdf

SPK-501939-001-001.pdf

5019390000-PS-001.pdf

5019390000-PS-002.pdf

5019390000-PS-003.pdf

5019391000-PS-001.pdf

5019391000-PS-002.pdf

5019391000-PS-003.pdf

5019391000-PS-CHI-001.pdf

5019391000-PS-JAP-001.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

PS-501940-001-001.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
- 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, 4 Circuits, White

Application	Signal, Wire-to-Board
Product Name	Pico-Clasp
UPC	822350286954

Agency

UL	E29179

Physical

Circuits (maximum)	4
Color - Resin	White
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	54.900/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	203562

Row, Surface Mount Headers	
Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	203563
Pico-Clasp Right-Angle Single Row Headers	501953
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, Gold Plated	501193
Pico-Clasp Female Crimp Terminals, Tin Plated	501334

Application Tooling

Global

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