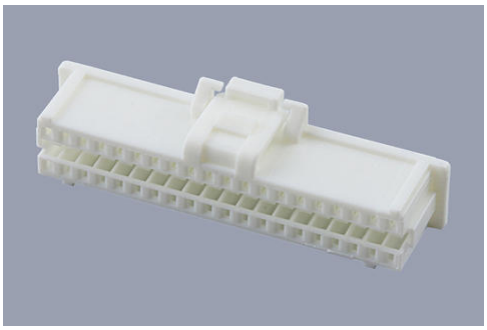
molex



Part Number : 5011894010
Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Dual Row, Inner Positive Lock, 40 Circuits, White
Series Number : 501189
Status : Active
Product Category : Connector Housings

Documents & Resources

Drawings

5011894010_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5011894010.dxf

Specifications

5011890000-AS-000.pdf

5011890000-AS-001.pdf

SPK-501189-001-001.pdf

5011890000-PS-001.pdf

5011890000-PS-002.pdf

5011891000-PS-001.pdf

5011891000-PS-002.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)4165-DC (25 June 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	501189
Description	1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Dual Row, Inner Positive Lock, 40 Circuits, White
Application	Signal, Wire-to-Board
Product Name	Pico-Clasp
UPC	822348789757

Agency

UL	E29179

Physical

Breakaway	No
Circuits (maximum)	40

Color - Resin	White
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	261.100/mg
Number of Rows	2
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, Dual Row, Surface Mount Headers	203564
Pico-Clasp Vertical, Dual Row, Surface Mount Headers	203565
Pico-Clasp Vertical Dual Row Headers	501190
Pico-Clasp Right-Angle, Dual Row, Surface Mount Headers	203566
Pico-Clasp Right-Angle, Dual Row, Surface Mount Headers	203567
Pico-Clasp Right-Angle Dual Row Headers	501571
Pico-Clasp Vertical, Dual Row, Surface Mount, Low-Halogen Headers	208391
Pico-Clasp Right-Angle, Dual Row, Surface Mount, Low-Halogen	208393

Headers	

Use with Part(s)

Description	Part Number
Pico-Clasp Female Crimp Terminals	501193

Application Tooling

Global

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