



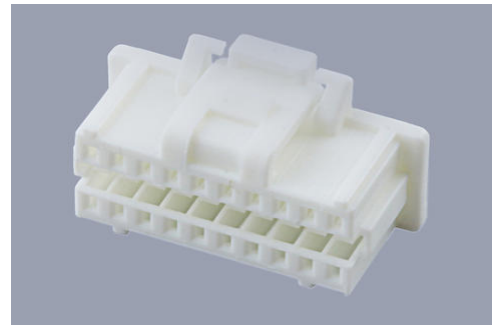
Part Number : [5011892010](#)

Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Dual Row, Inner Positive Lock, 20 Circuits, White

Series Number : 501189

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[5011892010_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5011892010.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	Compliant per 2000/53/EC
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	501189
Description	1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Dual Row, Inner Positive Lock, 20 Circuits, White
Application	Signal, Wire-to-Board
Product Name	Pico-Clasp
UPC	822348789771

Agency

UL	E29179
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Physical

Circuits (maximum)	20
Color - Resin	White

Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.150/g
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	<u>203564</u>
Pico-Clasp Vertical, Dual Row, Surface Mount Headers	<u>203565</u>
Pico-Clasp Vertical Dual Row Headers	<u>501190</u>
Pico-Clasp Right-Angle, Dual Row, Surface Mount Headers	<u>203566</u>
Pico-Clasp Right-Angle, Dual Row, Surface Mount Headers	<u>203567</u>
Pico-Clasp Right-Angle Dual Row Headers	<u>501571</u>
Pico-Clasp Vertical, Dual Row, Surface Mount, Low-Halogen Headers	<u>208391</u>
Pico-Clasp Right-Angle, Dual Row, Surface Mount, Low-Halogen Headers	<u>208393</u>

Use with Part(s)

Description	Part Number
Pico-Clasp Female Crimp Terminals, Gold Plated	<u>501193</u>

Application Tooling

Global

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

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