molex



Part Number : 5013300500
Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Friction Lock, 5 Circuits, White
Series Number : 501330
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

5013300500_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5013300500.dxf

Specifications

5013300000-AS-000.pdf

5013300000-AS-001.pdf

SPK-501330-001-001.pdf

5013300000-PS-001.pdf

5013300000-PS-002.pdf

5013300000-PS-003.pdf

5013300000-PS-004.pdf

5013301000-PS-001.pdf

5013301000-PS-002.pdf

5013301000-PS-003.pdf

5013301000-PS-004.pdf

5013301000-PS-CHI-001.pdf

5013301000-PS-CHI-002.pdf

5013301000-PS-JAP-002.pdf

PS-501331-001-001.pdf

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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)6375-DC (05 Nov 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	501330
Description	1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Friction Lock, 5 Circuits, White
Application	Signal, Wire-to-Board
Product Name	Pico-Clasp
UPC	822348528967

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Agency

UL	E29179

Physical

Circuits (maximum)	5
Color - Resin	White
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	39.300/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	203556
Pico-Clasp Vertical, Single Row, Surface Mount Headers	203557
Pico-Clasp Vertical Single Row Headers	501331
Pico-Clasp Vertical Single Row Headers	504449
Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	202396

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Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	203558
Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	203559
Pico-Clasp Right-Angle Single Row Headers	501568
Pico-Clasp Vertical, Single Row, Surface Mount, Low-Halogen Headers	208381
Pico-Clasp Right-Angle, Single Row, Surface Mount, Low-Halogen Headers	208387

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

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