Part Number : 5019390331

Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Outer Positive Lock, 3 Circuits, Black

Series Number : 501939

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing 5019390331_sd.pdf

3D Models and Design Files

2D Drawing DXF 5019390331.dxf
2D Drawing DXF (PDF) 5019390331.pdf
3D Model 5019390331_stp.zip

Specifications

Packaging Specification SPK-501939-001-001.pdf
Product Specification 5019390000-PS-002.pdf
Product Specification 5019390000-PS-003.pdf
Product Specification 5019391000-PS-002.pdf
Product Specification 5019391000-PS-003.pdf
Product Specification 5019401001-PS-001.pdf
Product Specification 5019401001-PS-CHI-001.pdf
Product Specification 5019401001-PS-JAP-001.pdf
Product Specification 5019401001-PS-KOR-001.pdf
Product Specification 5019401001-PS-SPA-001.pdf
Product Specification PS-501940-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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, 3 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	883906943974

Agency

UL	E29179

Physical

Circuits (maximum)	3
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes

Material - Resin	Nylon
Net Weight	42.300/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	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
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, 28-32 AWG	638131700