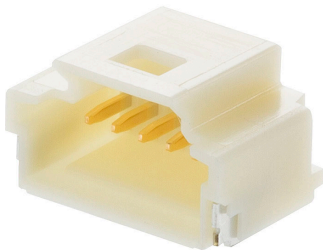




**Part Number :** [2035590607](#)  
**Product Description :** 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 0.76µm Gold Plated, Inner Positive Lock, 6 Circuits, Natural  
**Series Number :** 203559  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources


**Drawings**  
[Drawing 2035590607\\_sd.pdf](#)

**3D Models and Design Files**  
[2D Drawing DXF 2035590607.dxf](#)  
[2D Drawing DXF \(PDF\) 2035590607.pdf](#)  
[3D Model 2035590607\\_stp.zip](#)

**Specifications**  
[Packaging Specification 2035599200-200.pdf](#)  
[Product Specification 5013300000-PS-002.pdf](#)  
[Product Specification 5013301000-PS-002.pdf](#)  
[Product Specification 5013301000-PS-CHI-002.pdf](#)  
[Product Specification 5013301000-PS-JAP-002.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	203559
Description	1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 0.76µm Gold Plated, Inner Positive Lock, 6 Circuits, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	191128156608

### Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V AC (RMS)/DC

### Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30

First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	147.790/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.760µm
Plating min - Termination	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Pico-Clasp Low-Halogen Single Row Receptacle Housings	<u>501330</u>