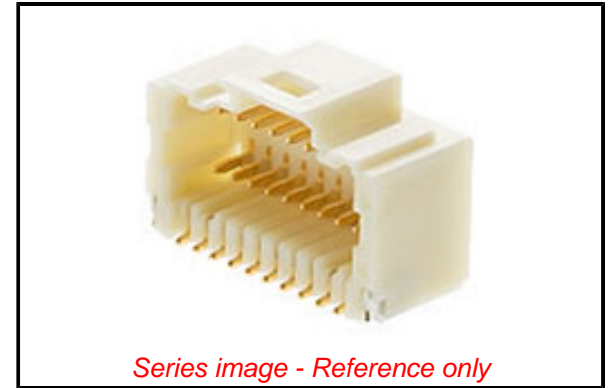


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2035664007](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Right-Angle, Surface Mount, 0.38µm Gold Plated, Inner Positive Lock, 40 Circuits, Natural

Documents:

| | |
|---|---|
| 3D Model | Product Specification 5011891000-PS-001 (PDF) |
| Drawing (PDF) | Application Specification 5011890000-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification 2035669200-200 (PDF) |
| Product Specification 5011890000-PS-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 203566 |
| Application | Signal, Wire-to-Board |
| Overview | Pico-Clasp Wire-to-Board Connectors |
| Product Name | Pico-Clasp |
| UPC | 191128158084 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| 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 | 1084.000/mg |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.00mm |
| Pitch - Termination Interface | 1.00mm |
| Plating min - Mating | 0.380µm |
| Plating min - Termination | 0.102µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[203566 Series](#)

Mates With

[Pico-Clasp Female Housing 501189](#)

Reference - Drawing Numbers

Application Specification

5011890000-AS-000

Packaging Specification

2035669200-200

Product Specification

5011890000-PS-001, 5011891000-PS-001

Sales Drawing

2035660000-SD-000

This document was generated on 10/22/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION