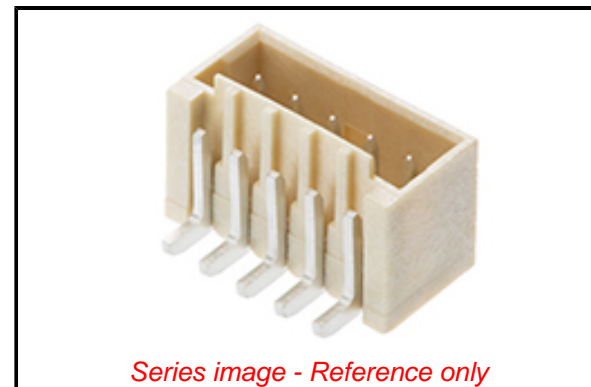


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Part Number: [2027050643](#)
Status: **Active**
Overview: Pico-SPOX Wire-to-Board Connector System
Description: 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Gold (Au) Flash Plating, Friction Lock, 6 Circuits, Tape and Reel, with Cap, Beige

Documents:

| | |
|--|--|
| 3D Model | Product Specification 2027051000-PS-000 (PDF) |
| 3D Model (PDF) | Application Specification 874370000-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification 2027059200-200 (PDF) |
| Product Specification 2027050000-000 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 202705 |
| Application | Signal, Wire-to-Board |
| Overview | Pico-SPOX Wire-to-Board Connector System |
| Product Name | Pico-SPOX |
| UPC | 889056901529 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 10 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Resin | Nylon |
| Net Weight | 302.710/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.50mm |
| Plating min - Mating | 0.100µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Robotic Placement | Pick and Place Cap |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
|-------------------------------|------|

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

[202705 Series](#)

Mates With

Pico-SPOX Wire-to-Board Housing [87439](#)

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

874370000-AS-000

Packaging Specification

2027059200-200

Product Specification

2027050000-000, 2027051000-PS-000

Sales Drawing

2027050241-000

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