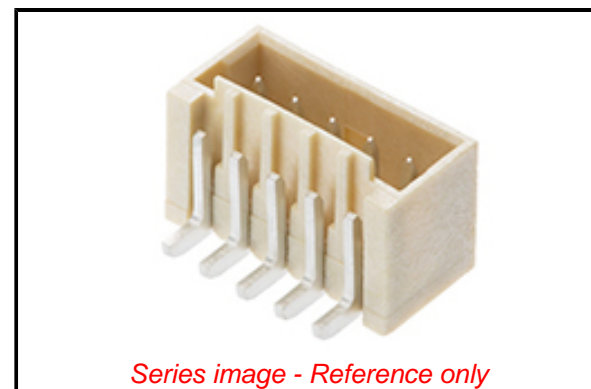


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2027051043](#)  
**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, 10 Circuits, Tape and Reel, with Cap, Beige

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 2027051000-PS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification 874370000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2027059200-200 (PDF)</a>
<a href="#">Product Specification 2027050000-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



*Series image - Reference only*

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">202705</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-SPOX Wire-to-Board Connector System</a>
Product Name	Pico-SPOX
UPC	889056901550

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	476.620/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
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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

This document was generated on 10/05/2020

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