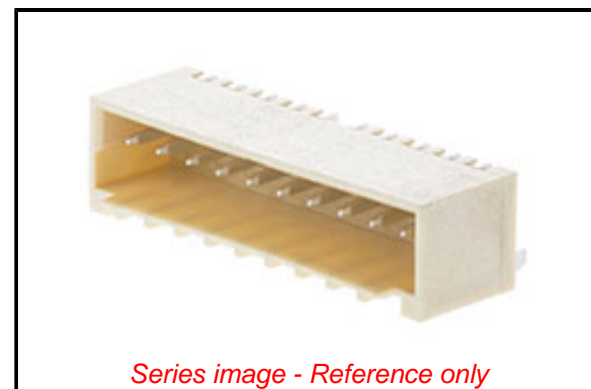


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Part Number: [0874380843](#)
Status: **Active**
Overview: Pico-SPOX Wire-to-Board Connector System
Description: 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 8 Circuits, Tape and Reel, Beige

Documents:

3D Model (PDF)	Product Specification PS-87437-001-001 (PDF)
3D Model	Application Specification 874370000-AS-000 (PDF)
Drawing (PDF)	Packaging Specification SPK-87438-001-001 (PDF)
Product Specification 874371001-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	87438
Application	Signal, Wire-to-Board
Overview	<u>Pico-SPOX Wire-to-Board Connector System</u>
Product Name	Pico-SPOX
UPC	822348438990

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.420/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

[87438](#) Series

Mates With

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

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Application Specification	874370000-AS-000
Packaging Specification	SPK-87438-001-001
Product Specification	874371001-PS-001, PS-87437-001-001
Sales Drawing	874380231-SD-000

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