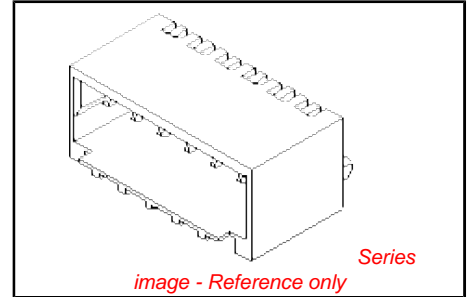


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Part Number: **87438-1142**
Status: **Active**
Overview: Pico-Spox™
Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Right Angle, Shrouded, 11 Circuits, Tube Packaging, Lead-Free

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-87437 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Literature \(PDF\)](#)



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	87438
Application	Signal, Wire-to-Board
Overview	<u>Pico-Spox™</u>
Product Literature Order No	USA-235
Product Name	Pico-SPOX™
UPC	822348439041

Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.564/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	1.50mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen</p>	<p>China RoHS</p>
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Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
 87438Series

Mates With
 87439 Pico-SPOX™ Wire-to-Board Housing

Current - Maximum per Contact
Voltage - Maximum

3A
350V

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87437, RPS-87437, RPS-87437-001,
RPS-87437-200
SD-87438-***31

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