

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87438-0842](#)
Status: **Active**
Overview: [Pico-Spox™](#)
Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Right Angle, Shrouded, 8 Circuits, Tube Packaging, Lead-Free

Documents:

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

Agency Certification

UL E29179

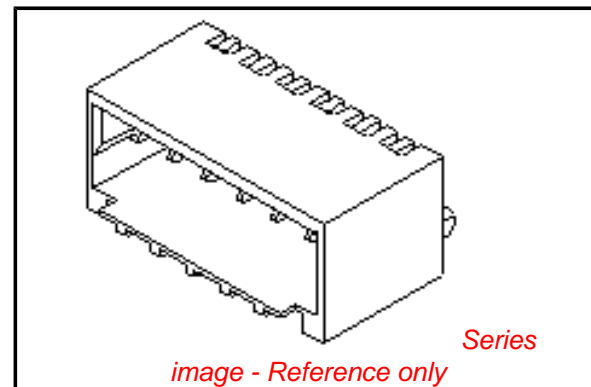
General

Product Family	PCB Headers
Series	87438
Application	Signal, Wire-to-Board
Overview	Pico-Spox™
Product Literature Order No	USA-235
Product Name	Pico-SPOX™
UPC	822348438983

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	0.420/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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Low-Halogen

China RoHS



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

PS-87437, RPS-87437, RPS-87437-001,
RPS-87437-200

Sales Drawing

SD-87438-**31

This document was generated on 08/21/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION