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Part Number: [87437-1242](#)
Status: **Active**
Overview: [Pico-Spox™](#)
Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 12 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

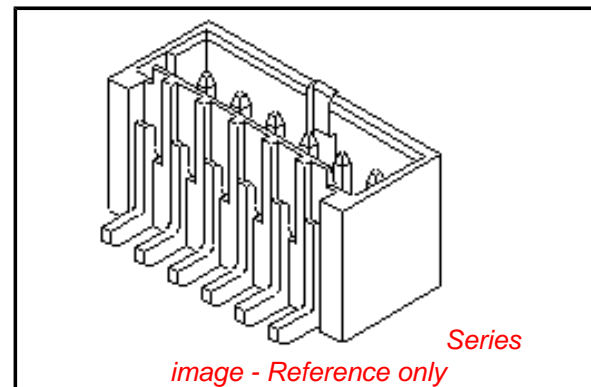
Product Family	PCB Headers
Series	87437
Application	Signal, Wire-to-Board
Overview	Pico-Spox™
Product Literature Order No	USA-235
Product Name	Pico-SPOX™

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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
Number of Rows	1
Orientation	Vertical
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

Current - Maximum per Contact	1.5A, 2A, 3A
Voltage - Maximum	350V



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

[87437Series](#)

Mates With

[87439](#) Pico-SPOX™ Wire-to-Board Housing,
[87421](#) Pico-SPOX™ Crimp Terminal

Material Info

Reference - Drawing Numbers

Product Specification

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

Sales Drawing

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