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Part Number: [87437-0343](#)
Status: **Active**
Overview: Pico-SPOX™ Wire-to-Board Connector System
Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 3 Circuits, Embossed Tape on Reel Packaging, Lead-Free

Documents:

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

Agency Certification

UL E29179

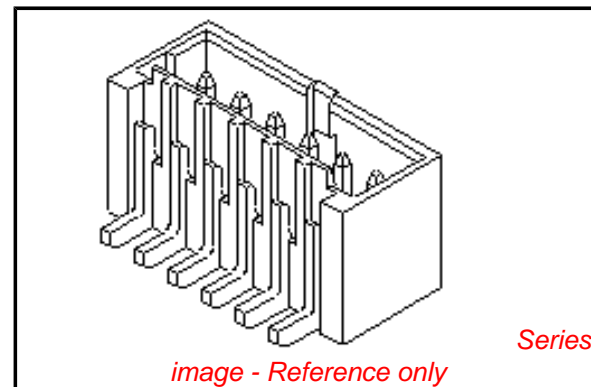
General

Product Family	PCB Headers
Series	87437
Application	Signal, Wire-to-Board
MolexKits	Yes
Overview	Pico-SPOX™ Wire-to-Board Connector System
Product Name	Pico-SPOX™
UPC	822348438617

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	173.000/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	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

[87437Series](#)

Mates With

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

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-87437-001, SPK-87438-001
Product Specification	PS-87437-001, RPS-87437, RPS-87437-001, RPS-87437-200
Sales Drawing	SD-87437-001

This document was generated on 10/10/2014

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