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Part Number: [87438-0643](#)
Status: **Active**
Overview: Pico-SPOX™ Wire-to-Board Connector System
Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Right Angle, Shrouded, 6 Circuits, Embossed Tape on Reel, Beige

Documents:

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

Agency Certification

UL E29179

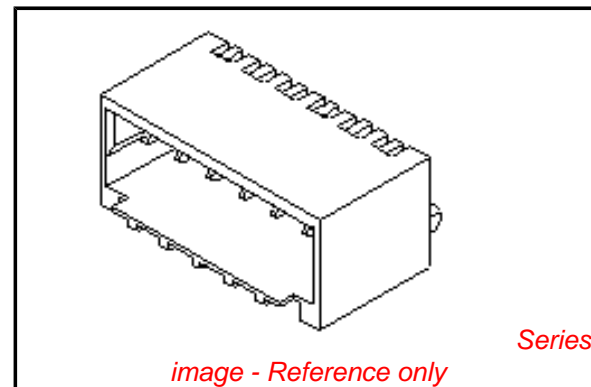
General

Product Family PCB Headers
 Series [87438](#)
 Application Signal, Wire-to-Board
 MolexKits Yes
 Overview Pico-SPOX™ Wire-to-Board Connector System
 Product Name Pico-SPOX™
 UPC 822348438952

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Beige
 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 Yes
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Tin over Nickel
 Material - Plating Termination Tin over Nickel
 Material - Resin High Temperature Thermoplastic
 Net Weight 314.000/mg
 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°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	2.5A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

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

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