molex®
one company › a world of innovation

Part Number: 0874370343

Status: **Active**

Overview: Pico-SPOX™ Wire-to-Board Connector System

Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, Nylon, 3 Circuits, Embossed Tape on Reel Packaging

Documents:

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

Series image - Reference only

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	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	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
Current - Maximum per Contact	2.5A

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
Halogen-Free Status
Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
87437 Series

Mates With
87439 Pico-SPOX™ Wire-to-Board Housing,
87421 Pico-SPOX™ Crimp Terminal

| Voltage - Maximum | 250V |

Material Info

Reference - Drawing Numbers

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

This document was generated on 05/09/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION