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Part Number: [10-32-1041](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 5.08mm Pitch SPOX™ Wire-to-Board Header, Vertical, with Friction Lock, 4 Circuits

- Documents:**
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5197-001 \(PDF\)](#)
[Product Specification PS-5197-003 \(PDF\)](#)
- [Product Specification PS-5197-004 \(PDF\)](#)
[Product Specification PS-5197-005 \(PDF\)](#)
[Product Specification PS-5281-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	5281
Application	Power, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	SPOX™
UPC	800753611474

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
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	Nylon
Net Weight	1567.500/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	5.08mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C

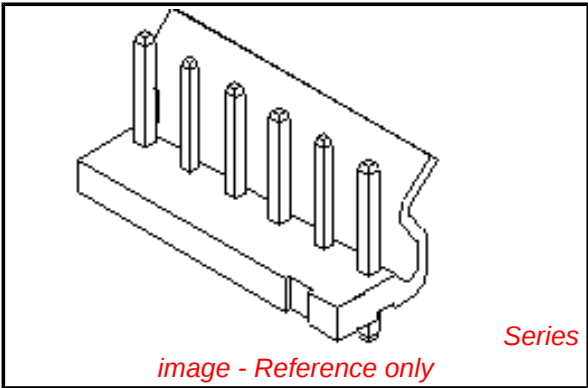


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
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
[5281Series](#)

Mates With
[5197 SPOX™ Crimp Terminal Housing](#)

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	7A
Voltage - Maximum	250V
Material Info	
Old Part Number	5281-04A
Reference - Drawing Numbers	
Product Specification	PS-5197-001, PS-5197-003, PS-5197-004, PS-5197-005, PS-5281-002, RPS-5197-001, RPS-5281-001
Sales Drawing	SD-5281-001

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